

DEPARTMENT OF MARINE AND FISHERIES, CANADA. METEOROLOGICAL SERVICE.

Monthly Weather Review

VOL. XXXVIII.

JUNE, 1914

No. 6

INTRODUCTION.

In compiling the present Review, the principal data made use of are the telegraphic reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm-signal agents. For the data used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau, Washington, D.C.

HIGH AREAS.

Eight areas of high pressure were charted. One first appeared in Northern Alberta, two over Vancouver Island, two on the North Pacific States coast, two in the vicinity of Hudson's Bay and one near Labrador. The general course of the areas was either over or in close proximity to the Great Lakes, thence to the Atlantic and out to sea. The systems assumed the usual feeble proportions characteristic of the summer highs, excluding the one which appeared near James Bay on the 4th and travelled southeasterly to the New England States. This latter system was energetic and attended by unseasonably low temperatures. The area also which moved from Hudson's Bay to the Lower Lake region between the 17th and 20th, although feeble, was likewise attended by unusually low temperatures for the season of the year, causing local frosts in portions of Ontario.

LOW AREAS.

Seven areas of low pressure were sufficiently defined to allow of their paths being charted with a certain degree of accuracy, but there were others of shallow proportions and of short duration whose paths could not be definitely placed. Of the seven areas traced two were quite remarkable for the season of the year. The first apparently originated in Lower California; travelled northward over the Pacific States to our Western Provinces, then spread slowly eastward over the continent; on the 4th, however, an offshoot of the main system passed quickly over the Lower Lake Region to the New England States, where it suddenly developed unusual energy, and on the 5th swept over the Maritime Provinces as a severe storm. The main system itself eventually reached the Gulf of St. Lawrence on the 10th. The second system was situated in the Middle Pacific States on the 24th, and afterwards moving slowly directly over the Great Lakes between the 27th and 28th, it caused there heavy rains and moderate gales.

ATMOSPHERIC PRESSURE.

From the Pacific coast to central Saskatchewan the mean pressure was at nearly all stations from one to four one-hundredths below normal. From Qn'Appelle eastward to Ottawa the differences from normal were in all instances positive, ranging from one to five one-hundredths of an inch. From Montreal to the Newfoundland east coast the differences were negative, ranging from one to eight one-hundredths.

GENERAL SYNOPSIS OF TEMPERATURE AND PRECIPITATION.

The following table is intended to show the average values of temperature and precipitation for each province for the month under review. District and Provincial means would, under ideal conditions, be derived from stations situated in equi-areal squares. But since in reality they are so situated as to appear, rather, constellation-wise upon the map, anomalous values arising from local topographical peculiarities may have received more than their just weight in the computation of the following averages.

Where no difference from normal is assigned, observations over a period long enough for reference are not available.

PROVINCE AND DISTRICT.	TEMPERATURE (FAHR.).						PRECIPITATION.				STATION DIFFERENCES FROM NORMAL TEMPERATURE
	Mean Daily.	Mean Daily Maximum.	Mean Daily Minimum.	Mean Daily Range.	Extreme Highest.	Extreme Lowest.	Total in Inches.	Difference from Normal.	Number of Days.	Greatest Fall.	
BRITISH COLUMBIA—											
South Vancouver Island....	57.0	67.0	48.0	19.0	90	31	2.30	-30	9	1.25	-1° to +1°
Lower Vancouver Island....	56.0	66.0	47.0	19.0	84	35	2.05	....	11	1.23	+1° at Quatsino
Lower Fraser River.....	58.0	69.0	47.0	22.0	93	31	2.88	+10	10	1.70	-2° to +1°
Upper Fraser River.....	56.0	70.0	42.0	28.0	90	24	2.23	+40	10	1.00	0° to +4°
Okanagan and Similkameen Valleys.....	59.0	72.0	46.0	26.0	93	27	1.33	-27	10	0.90	+1° to +3°
West Kootenay.....	58.0	70.0	46.0	24.0	90	28	2.00	....	14	0.67	-2° at Nelson
East Kootenay.....	57.0	70.0	45.0	25.0	91	27	1.85	+10	8	1.56	-1° to +1°
Thompson River.....	61.0	75.0	47.0	28.0	96	32	1.15	-38	11	0.60	-1° to +2°
North Columbia River.....	56.0	67.0	44.0	23.0	86	31	2.33	-10	10	0.65	Nearly normal
North Coast.....	57.0	66.0	48.0	18.0	85	32	1.25	....	6	3.93	+0.6° at Bella Coola
Quebec Charlotte Islands....	53.0	59.0	46.0	13.0	69	36	1.34	....	7	0.60	-0.5° at Massett
ALBERTA—											
North Saskatchewan River.	55.0	68.0	44.0	24.0	86	32	6.04	+60	13	3.37	Average at Edmonton
The Red Deer River.....	55.0	68.0	42.0	26.0	93	26	4.10	....	14	1.60	-1°
The Bow River.....	58.0	72.0	44.0	28.0	97	30	2.55	....	9	1.64	+2° to +3°
Athabasca River.....	....	....	....	....	....	....	....	....	....	....	....
Peace River.....	....	....	....	....	....	....	....	....	....	....	....
SASKATCHEWAN—											
Qu'Appelle River.....	58.0	71.0	46.0	25.0	95	23	2.48	+12	9	2.34	-2° to +2°
S. Saskatchewan River.....	58.0	70.0	46.0	24.0	95	30	3.02	-13	13	1.39	0° to -3°
N. Saskatchewan River.....	58.0	70.0	45.0	25.0	92	28	2.85	....	10	1.23	+2° at Battleford
Saskatchewan Forks.....	59.0	71.0	47.0	24.0	89	29	1.50	....	11	0.70	....
Lower Saskatchewan River.	58.0	70.0	46.0	24.0	85	31	1.35	....	10	0.28	....
MANITOBA—											
Qu'Appelle and Assiniboine Rivers.....	60.0	73.0	48.0	25.0	95	31	1.95	-45	9	2.80	-3° to +2°
The Red River.....	62.0	75.0	49.0	26.0	91	28	1.58	-50	7	1.12	+1° to +2°
Dauphin Lake and River....	60.0	72.0	48.0	24.0	87	24	1.20	....	5	1.09	....
ONTARIO—											
Lake Superior Districts—											
Rainy River.....	61.0	73.0	49.0	24.0	94	23	3.72	..	8	1.79	....
Thunder Bay.....	65.0	69.0	42.0	27.0	89	24	1.56	-35	6	1.34	....
Algoma.....	56.0	71.0	42.0	29.0	96	22	1.42	....	6	0.92	-3° at White River
Nipissing.....	59.0	72.0	45.0	27.0	95	25	1.80	-50	7	1.18	-2° at Haileybury
Upper Ottawa River.....	60.0	74.0	46.0	27.0	96	29	2.90	-16	10	1.06	-1° to -3°
Upper St. Lawrence and Ottawa Rivers.....	62.0	72.0	51.0	21.0	90	33	2.40	-10	8	0.90	+1° to -4°
Georgian Bay Counties.....	59.0	71.0	46.0	25.0	96	22	2.50	-20	7	1.89	+1° to -6°
Lake Huron Counties.....	61.0	72.0	50.0	22.0	93	30	2.40	-15	10	1.59	-1° to -4°
Lakes St. Clair & Erie, Niagara Peninsula.....	65.0	76.0	55.0	21.0	97	31	2.50	-17	7	1.45	+2° to -2°
West Central Counties.....	63.0	75.0	51.0	24.0	94	30	2.65	-10	8	1.25	-1° to -4°
Lake Ontario Counties.....	62.0	73.0	52.0	21.0	95	33	1.85	-25	9	1.32	-0° to +1°
East Central Counties.....	62.0	75.0	49.0	26.0	94	30	2.15	-15	6	1.75	-2° to -4°
QUEBEC—											
Middle St. Lawrence.....	58.0	69.0	47.0	22.0	90	27	3.10	-20	11	2.10	-3° to -6°
Lower St. Lawrence & Gulf.	50.0	58.0	41.0	17.0	86	30	3.25	+20	9	2.00	-1° to -5°
Lake St. John.....	54.0	64.0	44.0	20.0	90	28	3.25	....	12	1.77	-4° at Chicoutimi
Northwestern Districts.....	58.0	71.0	45.0	26.0	96	22	2.46	....	7	1.57	-1° at Abitibi
NEW BRUNSWICK—											
All Stations.....	56.0	67.0	45.0	22.0	88	24	3.95	+20	9	2.35	-1° to -5°
NOVA SCOTIA—											
All Stations.....	64.0	66.0	43.0	23.0	88	24	3.65	-10	9	2.37	-1° to -4°
PRINCE EDWARD ISLAND—											
All Stations.....	55.0	64.0	46.0	18.0	79	35	5.30	+50	16	2.02	-3°

WINDS, JUNE, 1914

PROVINCES AND STATIONS.	Total Mileage.	Greatest Mileage in 24 hours.	Greatest Mileage in 1 Hour			Number of Days of			GENERAL DIRECTION
			Miles	Direction	Date	Gales	Strong Winds	Fresh Winds	
BRITISH COLUMBIA.									
Atlin.....									
Prince Rupert.....									
Victoria.....	9459	675	43	SW	2	8	12	9	SW, W
Point Garry.....	6723	395	28	NW	4		10	11	SE, NW
Vancouver.....									
Kamloops.....									
ALBERTA.									
Edmonton.....	4892	315	20	N, E	6-20		3	17	NW
* Calgary.....	2900	320	21	NW	17		3	5	NW
SASKATCHEWAN.									
Battleford.....									
Prince Albert.....									
Swift Current.....	8292	452							
Qu'Appelle.....	6785	463	26	E, SE	5		7	17	
MANITOBA.									
Le Pas.....									
Winnipeg.....	8079	502	39	SE	4	1	10	13	
ONTARIO.									
Port Arthur.....	6674	377	34	NW	9	1	11	14	NW
White River.....	4782	309	31	SW	9	1	3	14	
Cochrane.....	6931	578	30	SW	9	1	4	20	
Parry Sound.....	4768	225	17	N	19			8	SW
Southampton.....	6035	334	27	N, E, S	19-24		8	13	NW
Pelee Island.....	7666	614	36	N	15	3	9	15	
** Woodstock.....	8899	325	26	SW	24		7	12	NW
Guelph.....	2927	265							
Toronto.....	7466	381	32	NE	24	1	14	14	NE
Kingston.....	8063	331	24	W	20		5	14	
Stonecliffe.....	3600	280	17	NW	19			11	
Ottawa.....									
QUEBEC.									
Montreal.....	8241	353	24	NW	10		4	22	W
Sherbrooke.....									
Quebec.....	9946	516	40	NE	8	4	20	5	SW
Father Point.....	10431	627	40	E	5	8	14	6	W
Anticosti, SW.....	15600	951	64	NE	5	9	2	6	SE, NW
Harrington.....									
NEW BRUNSWICK									
Pt. Escuminac.....	12288	767	51	N	5	12	14	4	N, NW
Fredericton.....	6344	482	34	NW	5	1	10	13	NW
St. John.....	8176	724	40	NW	5	5	12	10	NW
Pt. Lepreaux.....	9695	729	41	NW	5	7	13	9	W, NW
NOVA SCOTIA									
Yarmouth.....	7254	472	28	S	5		14	2	W
Wolfville.....	7587	578							W
Halifax.....	8148	614	38	SW	5	6	13	12	W
Sable Island.....									
Flat Point.....	9204	625	39	SW	5	7	16	6	W
PRINCE EDWARD ISLAND									
Charlottetown.....	6423	417	27	SE	4		10	9	SW

* 2 days record ** 28 days record.

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA. JUNE, 1914.

*Stations not furnished with Registering Thermometers.

STATION.	TEMPERATURE.		PRECIPITATION.		Latitude N.	Longitude W.	Elevation above sea level, in feet.	Mean.	Difference from average.	Yr's Observations.	Highest.	Date.	Lowest.	Date.	Mean daily range.	Amount.	Difference from average.	Heaviest fall in month.	Days with .01 or more.	No. of fair days.	No. of auroras.	No. of thunderstorms.	No. of fogs.
BRITISH COLUMBIA--																							
S. Vancouver Island																							
Alberni (Beaver Creek).....	49 15	124 49	300	57.7	-1.1	19	90.0	29	31.0	5	24.8	3.64	+1.27	1.11	11	19	..	..	3	..	..	..	..
Clayoquot.....	49 11	125 55	27	55.4	+1.1	15	72.0	14	36.0	4	15.4	3.08	-1.12	0.50	10	20	..	..	..	..	..	..	..
Clayoquot.....	49 40	124 50	..	53.0	—	2	69.0	14	39.0	4	11.0	1.07	—	0.56	10	20	..	..	..	..	..	..	..
Cobble Hill.....	48 25	123 42	33	56.5	—	1	79.0	16	34.0	4	13.6	1.29	—	0.79	6	21	..	..	..	..	..	..	..
Cowichan (Tzouhalem).....	48 25	123 42	170	58.7	+1.0	8	83.0	15-29	36.5	4	21.3	1.87	—	0.67	8	22	..	..	..	..	..	..	..
Departure Bay.....	49 40	124 0	..	59.1	—	2	85.7	30	40.2	4	21.0	1.33	—	0.56	9	21	..	..	..	..	..	..	..
Gillis Bay.....	49 40	124 32	..	57.6	—	2	83.0	15	36.0	4	21.0	1.26	—	0.98	5	25	..	..	..	..	..	..	..
James Island.....	48 57	123 39	..	57.7	—	1	84.5	15	40.0	4	13.7	1.31	—	0.44	9	21	..	..	..	..	..	..	..
Ladysmith.....	48 57	123 39	..	57.8	—	2	83.0	15	31.0	3	22.1	1.70	—	0.69	7	23	..	..	..	..	..	..	..
Lazo (Little River).....	49 44	124 54	12	57.3	—	1	79.4	16	33.5	4	13.8	1.38	—	0.53	9	21	..	..	..	..	..	..	..
Nanaimo.....	49 10	123 37	125	58.8	+1.1	13	80.0	29	41.8	4	15.8	1.70	-0.74	0.53	9	21	..	..	..	..	..	..	..
Nanaimo Bay.....	49 17	124 12	130	56.9	—	3	82.0	15	34.0	5	21.9	3.15	—	1.25	9	21	..	..	..	..	..	..	..
Qualicum Beach.....	48 50	123 20	..	56.6	—	1	84.0	16	34.0	5	21.5	3.41	—	0.64	9	21	..	..	..	..	..	..	..
Salt Spring Island.....	48 50	123 20	..	56.9	—	5	82.0	15	36.0	4	18.9	2.21	—	0.80	12	18	..	..	..	..	..	..	..
Shawangan Lake.....	48 37	123 41	..	57.8	—	2	87.0	15	34.0	4	22.4	2.61	—	0.76	10	20	..	..	..	..	..	..	..
Sidney.....	48 27	123 27	200	58.1	—	1	83.0	15-29	38.5	5	19.3	2.14	—	1.24	8	22	..	..	..	..	..	..	..
Sooke.....	48 41	123 44	25	55.2	—	4	78.0	29	37.0	4	19.3	2.93	—	1.54	8	22	..	..	..	..	..	..	..
Victoria.....	48 24	123 19	55	55.9	-0.2	22	78.0	14	42.5	4	13.7	1.97	-0.71	0.65	6	24	..	..	..	..	..	..	..
N. Vancouver Island																							
Alert Bay.....	50 33	127 0	..	54.6	—	1	78.0	27	36.0	18-19	20.0	0.86	—	0.30	9	21	..	..	..	..	..	..	..
Holberg.....	50 39	123 18	..	54.1	—	6	74.0	14	38.0	5	16.9	2.66	—	0.85	8	22	..	..	..	..	..	..	..
Mary Island.....	50 32	127 40	..	59.9	—	1	84.0	14-15	41.0	3	18.7	2.79	—	1.23	13	17	..	..	..	..	..	..	..
Quatsino.....	50 32	127 40	..	54.5	+1.1	18	73.0	30	35.0	6	20.8	1.34	-3.29	0.36	13	17	..	..	..	..	..	..	..
Praslie Island.....	50 52	129 5	680	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lower Fraser River																							
Agassiz.....	49 14	121 31	52	57.2	-1.8	22	87.0	18	39.0	4	24.7	5.18	+0.36	0.73	16	14	..	..	..	..	..	..	..
Britannia Beach.....	49 39	123 5	165	55.0	—	1	83.0	30	35.0	21	21.0	2.08	—	0.55	12	18	..	..	..	..	..	..	..
Chilliwack.....	49 10	121 57	21	58.3	-1.1	14	87.0	15	37.0	6	20.9	3.14	0.00	1.27	11	19	..	..	..	..	..	..	..
Hope.....	49 25	121 25	500	58.6	—	5	87.5	15	38.5	6	20.5	1.96	—	0.58	11	19	..	..	..	..	..	..	..
Ladner.....	49 05	123 4	..	56.8	-0.4	14	76.0	13-30	40.0	3-23	22.3	1.80	+0.24	0.55	7	23	..	..	..	..	..	..	..
New Westminster.....	49 13	122 54	330	59.3	+0.1	26	87.8	15	39.7	5	19.7	4.11	+0.98	1.70	10	20	..	..	..	..	..	..	..
North Nicomen.....	49 12	122 2	69	59.9	+0.9	22	90.0	15	39.0	6	20.7	3.08	-0.99	1.09	9	21	..	..	..	..	..	..	..
Pemberton Hatchery.....	50 20	122 33	..	58.7	—	5	88.0	15 30	33.0	6	28.4	1.57	—	0.82	7	23	..	..	..	..	..	..	..
Pemberton Meadows.....	50 29	122 40	..	59.9	—	2	88.0	16-17	30.5	14	32.0	1.35	—	0.86	5	25	..	..	..	..	..	..	..
Ruskin (Stave Falls).....	49 16	122 23	125	60.5	—	5	92.5	16	40.0	6	24.1	4.18	—	0.79	16	14	..	..	..	..	..	..	..
Steveston (Garry Point).....	49 21	123 17	..	57.1	+0.5	19	78.0	16	38.0	6	17.8	2.44	+0.55	1.12	8	22	..	..	..	..	..	..	..
Vancouver.....	49 17	123 5	136	58.7	+1.0	14	80.7	29	40.9	5	17.3	3.58	+0.77	1.61	9	21	..	..	..	..	..	..	..
Upper Fraser River																							
Babine Lake.....	55 33	120 26	..	54.8	—	6	80.0	15-17	34.0	2-13	27.4	0.40	—	0.20	3	27	..	..	..	..	..	..	..
Barkerville.....	53 02	121 35	4180	50.4	+0.9	26	75.0	16	30.0	5	22.9	4.39	+0.85	1.00	10	10	..	..	..	..	..	..	..
Chilcotin (Big Creek).....	51 40	120 50	3100	52.1	+0.1	11	81.0	30	24.0	5	24.7	3.77	+2.13	0.71	15	15	..	..	..	..	..	..	..
Cranberry Lake (South Frk).....	119 20	52 50	2460	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fifteen Mile Ranch (Pavilion).....	50 40	120 50	..	60.9	—	1	90.0	30	40.0	6	32.1	1.18	—	1.00	3	27	..	..	..	..	..	..	..
Fort George.....	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fort St. James (Stuarts Lake).....	54 28	124 12	2280	54.6	+3.8	18	85.0	26	26.0	6	30.6	1.10	-0.40	0.32	7	23	..	..	..	..	..	..	..
Hydraulic.....	52 42	122 5	..	58.5	—	2	88.0	13-30	30.0	5	32.2	2.39	—	0.66	10	20	..	..	..	..	..	..	..
Quesnelle.....	52 59	122 30	1700	59.7	+1.8	19	88.0	14-17	30.0	5	26.9	2.37	+0.72	0.65	9	21	..	..	..	..	..	..	..
Okanagan and Similkameen Valleys																							
Duck Lake Ranch.....	50 3	119 20	1400	62.6	—	2	92.0	30	34.0	7	30.5	0.87	—	0.21	9	21	..	..	..	..	..	..	..
Hedley.....	49 36	120 10	1771	59.5	—	9	91.0	30	35.0	6	24.9	1.41	—	0.41	12	18	..	..	..	..	..	..	..
Hedley (Nickel Plate).....	49 20	119 59	4500	46.8	—	9	78.0	30	23.0	6	23.8	2.04	—	0.90	7	23	..	..	..	..	..	..	..
Keremeos.....	49 15	120 0	1372	61.5	—	5	85.5	16	39.5	7	18.9	1.31	—	0.40	10	20	..	..	..	..	..	..	..
Kelowna (Okanagan Mission).....	49 15	119 29	1200	62.6	+3.1	16	90.0	17	38.0	7	27.6	1.07	-0.33	0.28	8	22	..	..	..	..	..	..	..
Kelowna (Bankhead Cr'd).....	49 15	119 29	..	61.3	—	1	88.1	17	38.6	7	23.1	0.81	—	0.31	8	22	..	..	..	..	..	..	..
Penticton.....	49 29	119 35	..	62.2	—	8	93.0	15	36.5	7	27.7	1.24	—	0.32	9	21	..	..	..	..	..	..	..
Princeton.....	49 29	120 29	1650	56.9	+0.3	17	89.0	30	30.0	7	30.8	0.88	-0.17	0.26	8	22	..	..	..	..	..	..	..
Richlands.....	50 18	118 35	..	53.4	—	2	87.0	17	27.0	7	25.3	2.08	—	0.43	17	13	..	..	..	..	..	..	..
Summerland.....	49 36	119 40	1100	60.0	—	7	88.0	30	35.0	7	23.2	1.32	—	0.35	9	21	..	..	..	..	..	..	..
Vernon (Coldstream Ranch).....	50 14	119 15	1582	61.2	+0.8	21	89.0	15-30	40.0	4	25.0	1.95	-0.60	0.26	14	16	..	..	..	..	..	..	..
West Kootenay																							
Boswell.....	49 19	116 41	..	58.4	—	2	90.5	17	36.0	7	23.1	1.54	—	0.31	11	19	..	..	..	..	..	..	..
Crawford Bay.....	49 45	116 45	2000	58.4	—	4	86.0	17	40.0	5-23	24.4	1.58	—	0.22	14	16	..	..	..	..	..	..	..
Creston.....	49 6	116 33	1985	57.1	—	2	87.0	17	31.0	7	24.9	1.25	—	0.34	9	21	..	..	..	..	..	..	..
East Arrow Park.....	49 6	116 33	1413	58.1	—	1	86.0	17	40.0	24	23.0	2.43	—	0.35	17	13	..	..	..	..	..	..	..
Fauquier.....	49 54	118 6	..	57.8	—	4	93.0	17	33.0	7	29.0	1.53	—	0.3									

STATION.

STATION.	Latitude		Elevation above sea level, in feet.	TEMPERATURE.						PRECIPITATION.				Days with 0.1 or more.	No. of fair days.	No. of aurora.	No. of thunderstorms.	No. of fogs.
	N	W		Mean.	Difference from average.	Yr's Observations.	Highest.	Date.	Lowest.	Date.	Mean daily range.	Amount.	Difference from average.						Heaviest fall in month.
BRITISH COLUMBIA—Con.																		
Monte Creek.....	50	35	110 59	1156	62.2	—	2	89.0	15	32.0	1	29.6	1.09	—	0.21	7	23	
Nicola Lake.....	50	9	120 39	2120	55.8	—1.2	12	83.0	16	23.0	5	25.6	0.45	—0.57	0.35	8	27	
Samson Arm.....	50	42	119 35	1152	61.4	—1.2	13	88.0	16-30	40.0	8	23.9	1.34	—0.52	0.18	14	16	
Salmon Arm (Exp. Farm).....					61.3	—	3	90.0	30	28.0	6	26.5	1.43	—	0.44	11	19	
Tappen.....			1350		65.1	—	2	96.0	30	38.0	7-8	32.8	1.15	—	0.33	12	18	
Tauquillo.....	50	41	120 29		63.8	—	6	94.9	30	42.0	5	26.1	0.41	—	0.18	8	22	
Vancouver.....	51	36	119 45	1450	59.2	—	1	90.0	30	36.5	7	27.5	1.45	—	0.25	15	15	
North Columbia River																		
Gracie.....	51	14	117 29	4072	51.1	—0.1	15	76.0	16	31.0	7	22.9	3.37	+0.18	0.63	11	19	
Golden.....	51	0	118 6	1476	56.7	—0.3	14	81.0	16-17	38.0	7	24.1	1.09	—0.55	0.35	6	24	
Kaveistoke.....	51	16	116 5	2550	58.6	+0.2	15	6.0	17-18	40.0	24	21.2	2.53	—0.56	0.05	12	18	
North Coast																		
Beila Coola.....	52	40	126 54	150	57.8	+0.6	16	85.0	16	39.0	15	18.9	1.30	—0.32	0.13	6	24	
Prince Rupert.....	54	15	130 18	170	54.8	—	6	76.0	21	42.0	5	13.5	1.65	—	0.50	7	23	
Stewart.....	56	1	130 1	215	62.7	—	4	85.0	15-24	32.0	8	26.5	0.52	—	0.33	6	24	
Terrace.....	54	30	128 30	545														
Welcome Harbour.....	53	55	130 22		62.7	—	1	65.1	26	39.9	13	12.5	1.51	—	0.85	6	24	
Queen Charlotte Islands																		
Ikeda Bay.....	52	17	131 7	5	51.9	—	6	65.0	26 30	40.0	3-6	13.1	0.83	—	0.60	4	26	
Masset.....	53	55	132 9	10	53.0	—0.5	16	69.0	14	36.0	3	13.1	0.83	—1.59	0.15	9	21	
Yukon Boundary																		
Atlin.....	59	35	133 38	2240	60.0	—	8	69.0	15-25	27.0	1-2	22.8	0.27	—	0.20	4	26	
YUKON—																		
Careless.....	60	11	134 34	2171	50.7	—	8	74.0	16-17	23.0	2	23.1	0.49	—	0.20	4	26	
Dawson.....	64	4	139 29	1200	57.1	—0.8	13	84.0	16	32.0	3-7	28.1	1.73	+0.61	0.39	6	24	
ALBERTA—																		
N. Saskatchewan River																		
Campsie.....	54	5	111 42		55.4	—	2	83.4	30	31.8	1	24.1	9.71	—	2.19	18	12	
Coronation.....					56.7	—	2	89.0	1	33.0	9-10	24.7			1.15	15	15	
Daysland.....	55	52	112 17		58.1	—	4	88.0	2	39.6	9	21.2	6.00	—	1.00	16	14	
Edmonton.....	53	33	113 30	2158	57.5	+0.3	32	84.5	1	39.0	9	21.2	8.53	+5.12	2.00	16	14	
Edmonton.....	52	0	112 0	2795	54.9	—	4	87.0	2	35.5	22	22.4	4.42	—	1.55	9	21	
Edmonton.....	52	17	112 10		55.4	—	5	88.0	1-30	34.0	22	25.5	5.12	—	1.10	15	15	
Halkirk (Emsburg).....	53	18	110 0		59.2	—	1	76.0	26	42.0	5-24	16.0	0.28	—	0.10	5	25	
Lloydminster.....	53	18	110 0		59.6	—	5	87.0	1-2	35.0	11	24.6	8.00	—	2.35	—	9	
Loveland.....	52	30	111 59		56.3	—0.7	10	84.0	2	37.0	25	23.3	5.27	+1.39	0.86	16	14	
Ranby (Wattfield).....	53	29	111 38	2000														
Sedgewick.....	52	47	111 41		56.3	—	2	87.0	2	34.0	2	23.7	10.57	—	3.37	21	11	
Sion.....	53	54	114 15															
Vermilion.....	53	22	110 50		55.2	—	2	88.0	1	33.0	1	27.1	2.53	—	0.75	7	23	
Wadena.....	51	39	111 5															
Wetaskiwin.....	52	58	113 23	2480														
The Red Deer River																		
Alx.....	52	24	113 10	2585	56.2	—	10	92.0	16	37.1	1-24	22.0	4.12	—	0.80	15	15	
Alx.....					57.4	—	1	92.0	2	37.0	9	25.3	1.46	—	0.60	9	21	
Alx.....					54.6	—	2	93.0	2	26.0	9	25.0	2.76	—	1.27	8	22	
Alx.....	51	15	114 41															
Dela.....	51	38	112 25		55.5	—0.8	12	88.0	3	36.0	4-21	24.7	3.74	—1.56	0.95	14	16	
Didsbury.....	51	40	114 8	3360	52.7	—	7	82.0	3-18	29.0	24	27.1	3.22	—	0.75	19	11	
Harmatun.....	51	45	114 23	3500	55.8	—0.6	10	88.0	3	36.0	1	23.7	2.91	—1.49	0.61	15	15	
Hillsdown.....	52	14	113 29	2940	55.8	—	7	81.8	2	36.1	24	24.5	6.07	—	1.48	17	13	
Iacombe (Ex. Farm).....	52	58	113 44	2783														
Moosa Tyrol.....	51	15	110 39		51.2	—	1	85.0	17	27.0	12	27.1	3.49	—	0.57	17	13	
Olds.....	51	58	113 5		56.6	—	2	87.0	3	35.0	24	25.2	4.05	—	0.77	14	16	
Perbeck.....	52	58	113 5		54.2	+0.3	14	86.0	2-3	34.0	24	22.9	7.41	+2.78	1.60	16	14	
Red Deer.....	51	16	114 40	28 06	54.1	—	2	85.0	3	35.5	26	23.6	5.86	—	1.24	15	15	
Springdale.....	52	51	110 12															
The Bow River																		
Brooks.....	50	34	111 54		58.6	—	3	91.0	1-17	35.0	7	27.6		—				
Calgary.....	51	2	114 2	3127	57.7	+2.5	30	89.0	17	31.0	4	27.3	2.64	—0.63	1.12	12	18	
Calgary.....	50	2	113 35		55.7	—	1	91.0	18	32.5	15	26.1	3.92	—	1.50	9	21	
Clareholm.....					59.1	—	1	96.0	17	33.8	4	30.1	2.02	—	1.28	7	23	
Expanse Coulee.....	50	59	112 54	2952	57.2	+0.1	11	87.0	17	30.0	2-7	26.8	2.98	+0.05	0.75	6	24	
Gleichen.....	50	35	113 53	3394														
High River.....	50	16	113 26	3500														
Lawrence (Parklands).....	49	43	112 51		57.9	—	7	92.0	2	31.1	7	26.8	2.18	—	1.53	20	20	
Leithbridge (Ex. Farm).....																		
Lundbrook.....	49	44	113 24	3128	59.0	+1.7	18	94.0	2	34.0	15	27.3	5.83	+3.29	1.00	9	21	
Macdon.....	50	1	110 37	2143	64.0	+2.6	30	96.0	1	41.0	21	29.7	2.00	—0.63	0.84	12	18	
Medicine Hat.....	50	43	113 59		55.2	—	2	87.0	3-22	31.0	7	30.5	—	—				
Medicine Hat (Ex. Farm).....	50	23	114 14		51.7	—	4	86.0	3	30.0	6-26	28.2	2.88	—	1.21	10	20	
Okotoks.....	50	5	111 34	2350	61.9	—	1	96.4	1	36.2	24	28.0	1.83	—	1.01	4	20	
Pekisko.....	51	3	113 23		55.9	—	2	84.0	1	34.2	6	25.3	2.78	—	0.77	10	20	
Ronahne.....	50	13	111 9		60.0	—	1	97.0	18	37.0	24	27.8	1.15	—	0.71	9	21	
Strathmore.....	50	6	112 34		61.2	—	4	93.0	1-17	33.9	14-25	27.1	2.19	—	1.26	5	25	
Suffield.....																		
Sundial.....																		
Rocky Mountains																		
Ranby.....	51	10	115 34	4542	52.5	+1.3	19	79.3	2	32.7	1	24.4	1.81	—1.38	0.67	12	18	
Ranby.....	49	40	114 30	4225			2	82.5	3				7.38	—	2.05	15	12	
Athabasca River																		
Athabasca Landing.....	54	43	113 17	1650	55.9	—	11	81.0	30	33.0	9	23.9	7.65	—	1.97	13	17	
Edson.....	53	33	116 25															
Inspur.....	54	33	114 19															
Lynnford.....	54	12	114 0															
Pembina.....																		
Peace River																		
Beaver Lodge.....	55	29	119 24		54.2	—	2	81.0	30	31.0	20	25.8	5.74	—	1.75	12	18	
Dawson.....	55	58	118 35	1305			9			31.0	9		3.00	—	3.09	1	29	
Fort Vermilion.....	58	27	116 3															
Fort Vermilion (2).....					52.1	—	1	0.0	15	29.0	5	29.7	3.43	—	1.20	9	21	
Grande Prairie.....	56	15	117 15		53.1	—	7	59.0	14-30	30.0	10	30.9	8.69	—	2.70	6	24	
Peace River Crossing.....																		

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JUNE, 1914.

*Stations not furnished with Registering Thermometers

STATION.	TEMPERATURE.										PRECIPITATION.				Days with .01 or more.	No. of fair days.	No. of Auroras.	No. of thunderstorms.	No. of fogs.				
	Latitude N.	Longitude W.	Elevation above sea level, in feet.	Mean.	Difference from average.	Yr's observations.	Highest.	Date.	Lowest.	Date.	Mean daily range.	Amount.	Difference from average.	Heaviest fall in month.									
SASKATCHEWAN—																							
Qu'Appelle River																							
Broadview.....	50 23	102 33	1960	58.3	— 0.6	22	91.0	2	37.0	1-25	26.9	2.63	-0.63	0.79	11	19	..	..			
Brownhill (Grenfell P.O.)...	50 23	102 53	1957	57.4	+ 0.0	10	85.4	2	37.0	12	25.6	0.82	-1.75	0.23	10	20	..	4					
Buchanan.....	51 42	102 45	..	61.2	+ 1.1	11	91.0	2	42.0	18	23.8	4.85	+2.70	2.34	10	20	..	1					
Crescent Lake.....	50 59	102 25	1658	59.2	—	3	91.8	2	39.9	25	25.9	1.70	—	1.00	11	19	..	2					
Estevan.....	50 47	103 47	..	56.3	—	7	86.0	2	37.0	10-24	24.2	1.60	—	0.60	6	24	..	..			
Fort Qu'Appelle.....	51 5	103 21	..	51.5	—	6	85.0	1	32.0	22	26.4	2.22	—	0.46	7	23	..	..			
Hubbard (Drumague).....	52 12	105 23	..	59.1	- 1.6	25	90.0	2	37.0	24	24.0	2.28	-1.70	1.09	6	24	..	..			
Humboldt.....	51 22	103 40	1924	49.3	—	5	89.0	3	36.0	27	19.8	3.58	—	1.00	7	23	..	..			
Imperial.....	49 43	102 2	2064	59.8	—	3	85.0	1	35.0	14	25.1	0.98	—	0.33	5	25	..	..			
Kamsack.....	51 30	101 52	..	61.2	+ 2.1	18	95.0	2	40.0	10	21.6	5.36	+2.30	1.65	11	19	..	3					
Moose Jaw.....	50 21	105 35	1759	58.8	—	13	82.0	16	30.0	24	23.9	0.99	—	0.25	8	27	..	1					
Moosomin.....	52 0	105 0	1870	58.3	—	3	83.0	14	30.0	25	23.4	0.87	—	0.19	11	19	..	..			
Muenster (St. Peter's Mon.)	52 25	105 9	..	59.4	+ 0.8	19	93.0	2	39.0	23	25.1	3.74	+0.09	0.82	11	19	..	5					
Pilger.....	50 20	105 0	1879	58.9	+ 0.2	30	90.0	2	38.0	25	23.6	3.34	-0.51	1.13	12	18	..	6					
Pense (Gatesgarth).....	50 30	103 47	2115	59.6	+ 0.6	28	92.0	2	39.0	24	23.4	3.99	+0.70	1.38	11	19	..	..			
Qu'Appelle.....	50 27	104 37	1885	57.9	—	1	85.0	1-2	36.0	15	24.4	1.72	—	0.91	7	23	..	3					
Regina.....	50 39	102 4	..	59.2	—	3	87.0	2	40.0	23	24.1	3.49	—	2.00	11	19	..	1					
Whitewood.....	49 49	104 9	..	58.8	—	5	87.0	2	38.0	12	25.3	0.41	—	0.13	5	26	..	..			
Yarbo (Fairfield).....	51 11	102 29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Yellow Grass.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Yorkton.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
S. Saskatchewan River																							
Chaplin.....	50 26	106 39	2202	58.7	- 2.7	28	95.0	2	35.0	10	22.7	3.28	-0.09	0.70	17	13	..	7					
Kindersley.....	61 28	109 9	..	57.1	—	2	87.0	15	37.0	1	20.7	2.59	—	1.35	12	18	..	4					
Klintonel (Divide).....	49 38	108 53	3500	55.8	—	6	85.0	18	30.2	24	26.0	2.87	—	0.53	6	24	..	2					
Kelvinhurst (Nashlyn).....	51 46	108 10	..	58.0	—	4	82.0	18	35.0	10	24.7	3.44	—	0.95	10	18	..	..			
Laramount (Pambrun).....	49 21	109 29	2500	58.3	—	5	90.8	2	35.0	10	23.3	3.63	—	1.22	10	20	..	4					
Rathmullen.....	51 20	108 57	..	60.1	+ 0.1	27	91.0	1	37.0	22	25.7	2.31	-0.74	0.40	19	11	..	3					
Swift Current.....	50 20	107 45	2439	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
N. Saskatchewan River																							
Anglin.....	51 55	101 10	..	58.5	—	5	92.0	1	38.0	1-10	24.5	3.10	—	1.11	9	21	..	1					
Battleford.....	52 41	104 20	1620	61.4	+ 2.3	24	85.0	15	40.0	10-11	23.6	2.47	-1.00	0.62	11	19	..	..			
Lloydminster.....	53 18	110 0	..	56.5	—	4	89.8	1	33.0	1	24.7	4.17	—	0.56	12	18	..	3					
Luseland.....	52 5	109 34	..	56.9	—	8	83.0	3	34.0	9-10	22.9	4.17	—	0.56	12	18	..	..			
Onion Lake.....	53 62	109 59	..	58.8	—	7	90.0	16	28.0	1	30.2	1.78	—	0.59	7	23	..	..			
Priace (Meota).....	51 0	108 20	1700	55.1	—	2	80.5	2	33.0	11	23.1	3.65	—	1.23	11	19	..	2					
St. Walburg.....	53 36	109 9	..	58.9	—	4	85.0	1	34.1	11	26.8	2.37	—	0.46	11	19	..	..			
Scott (Ex. Farm).....	51 59	109 30	..	57.8	—	7	81.0	16	32.0	10	23.1	2.49	—	0.87	7	23	..	..			
Waseca.....	53 0	109 29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
The Saskatchewan Forks																							
Haleyonia.....	52 30	107 5	1800	59.3	—	1	89.0	15	32.2	25	27.2	1.01	—	0.20	11	19	..	1					
Melfort.....	62 47	104 30	..	59.0	—	6	83.5	15	29.0	11	24.4	1.07	—	0.42	8	22	..	..			
Prince Albert.....	53 10	106 0	1432	59.0	- 1.4	28	80.8	16	36.5	11	23.4	2.01	-0.62	0.47	9	21	..	..			
Rosthern.....	62 40	106 20	1657	68.7	—	5	84.2	16	33.3	26	22.9	2.00	—	0.70	14	16	..	..			
Saskatoon.....	52 15	106 30	1671	69.6	+ 0.3	18	86.0	2	39.0	25	22.7	1.88	-0.63	0.52	11	19	..	6					
Lower Saskatchewan River																							
Lost River.....	63 17	104 21	..	58.1	—	4	85.0	16	31.0	11	23.5	1.35	—	0.28	10	20	..	5					
MANITOBA—																							
Qu'Appelle and Assiniboine Rivers																							
Boissevain.....	50 25	101 1	1703	61.3	—	3	89.0	3	37.0	19	24.9	2.43	—	0.33	14	16	..	..			
Brandon.....	49 51	99 57	1176	67.7	- 3.3	27	88.2	2	31.5	19	24.7	2.24	-0.79	0.91	8	22	..	2					
Carman.....	49 31	98 0	872	62.3	—	9	88.0	3	35.0	1-19	33.5	1.00	—	—	8	22	..	..			
Cypress River.....	49 33	99 3	1232	58.5	- 1.0	29	89.0	2	37.0	19	21.5	3.09	-0.19	1.30	11	19	..	..			
Hillview.....	49 65	100 33	1400	59.5	- 2.2	30	89.4	2	31.0	19	24.9	1.39	-2.02	0.34	10	20	..	5					
Minnedosa.....	50 15	99 50	1699	63.3	—	3	89.0	13	37.0	18	22.3	1.30	—	—	5	25	..	..			
Ninette.....	49 24	99 38	1363	58.4	—	4	82.0	1	35.0	15	21.9	1.28	—	0.48	7	23	..	..			
Niagara.....	49 14	99 51	1649	58.6	—	9	88.0	3	36.0	18	21.1	6.61	—	2.80	11	19	..	..			
Pierson.....	49 11	101 6	1531	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pipestone.....	49 34	100 58	1400	61.8	+ 0.5	27	89.0	3	38.0	13-19	25.2	0.80	-1.55	0.39	8	22	..	..			
Portage la Prairie.....	49 57	98 17	..	61.8	—	9	89.0	3	39.0	13	23.8	0.63	—	0.40	5	25	..	..			
Portage la Prairie (2).....	49 56	98 17	..	57.9	+ 0.1	21	88.0	2	36.0	11	23.3	1.08	-2.21	0.22	8	22	..	..			
Russell.....	50 59	101 20	..	62.1	- 0.6	23	95.0	2	32.2	19	28.9	1.66	-1.74	0.38	9	21	..	3					
St. Alban's (Treesbank).....	49 42	99 33	1180	54.9	—	2	86.7	2	41.0	18	28.6	1.49	—	0.40	8	22	..	..			
Souris.....	49 37	100 14	..	60.9	+ 1.8	19	89.0	2	41.0	19	25.1	1.8	-0.95	0.54	9	21	..	6					
Treherne.....	49 36	98 40	1212	58.7	- 2.0	10	84.0	2	36.0	11	23.6	0.78	—	—	6	24	..	..			
Virten.....	49 51	100 55	1444	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
The Red River																							
Almasippi.....	49 14	99 20	..	61.8	+ 1.7	12	91.0	2	28.0	19	28.0	1.50	—	0.42	7	23	..	5					
Morden.....	49 11	98 6	978	61.9	- 0.6	10	88.0	3	35.0	19	21.6	1.71	-1.49	0.50	10	20	..	1					
Oak Bank.....	49 57	96 42	800	60.9	+ 1.3	19	85.7	2	35.5	19	25.4	1.71	-1.43	1.12	6	24	..	2					
Selkirk.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Stony Mountain.....	50 40	97 14	803	62.3	- 0.9	34	90.0	3	35.0	19	30.9	1.50	-1.59	1.00	3	27	..	..			
Winnipeg.....	49 56	97 7	760	63.2	+ 1.0	40	88.8	2	35.3	10	24.3	1.46	-1.98	0.87	7	23	..	3					

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JUNE, 1914.

* Stations not furnished with Registering Thermometers

STATION.	TEMPERATURE										PRECIPITATION							
	Latitude N.	Longitude W.	Elevation above sea level, in feet	Mean	Difference from average	No. of observations	Highest	Lowest	Date	Mean daily range	Amount	Difference from average	Heaviest fall in month	Days with 61 or more	No. of fair days	No. of auroras	No. of thunderstorms	No. of fogs
MANITOBA—Continued																		
<i>Dauphin Lake and River</i>																		
Berens River	52 18	97 23	716	—	—	8	86 0	2-17			0 66	—	0 31	3 27				
Dauphin	51 8	100 2	957	—	—	—	—	—			—	—	—	—				
Moose Horn Bay (Aitkenville)	51 15	99 33	810	58 8	—	5	81 0	2	24 4	13 23 4	1 78	—	0 31	6 24	1			
Swan Lake				60 5	—	1	77 0	2	27 0	14 24 0	2 18	—	1 09	6 24				
<i>Lake Winnipegosis</i>																		
Le Pas	52 6	101 15	1112	59 3	—	4	84 0	15	32 0	18 25 9	0 57	—	0 33	2 28				
ONTARIO—																		
<i>The Lake Superior Districts</i>																		
<i>Rainy River</i>																		
Dryden	48 36	93 25		59 1	—	1	84 0	8	32 2	19 23 7	4 51	—	1 79	6 24				
Fort Frances				61 4	—	2	91 0	24	46 0	13 20 0	3 55	—	1 16	10 20				
Ignace				55 7	—	1	87 0	8	31 0	5-26 26 2	2 87	—	1 35	7 23				
Kemora	49 48	93 32	1102		—	15						—						
Rainy River				62 5	—	2	87 5	2	43 3	12 19 9	3 45	—	1 28	8 22				
Shoal Lake	49 37	95 6			—	1	86 0	2	23 0	20 26 7	4 20	—	1 52	7 23	2			
Sioux Lookout				57 6	—	—						—						
<i>Thunder Bay</i>																		
Heron Bay	48 18	86 16		50 6	-7 1	16	75 0	24	24 0	16 26 4	0 94	-1 10	0 41	5 25				
Kakabeka Falls	48 29	89 26	912	56 1	—	6	83 0	—	31 0	13 31 1	1 46	—	0 36	7 23				
Nipigon				57 1	-3 6	13	84 5	10	31 0	5 30 8	1 29	-0 12	0 66	6 24				
Oscar				51 1	—	1	78 0	8	28 0	13 16 9	3 03	—	1 34	9 21				
Port Arthur	48 27	89 12	641	58 1	+1 6	33	85 0	10-16	35 3	14 25 1	1 30	-1 69	0 47	10 20				
Savanne	48 55	90 18	1506	58 1	+1 8	13	89 0	9	29 0	3 29 5	1 64	-1 35	0 84	2 28				
Schreiber	48 50	87 15	633	55 0	-2 3	15	79 8	29	30 8	20 25 7	1 27	—	0 48	5 25				
<i>Algoma</i>																		
Biscoe	47 40	82 11	1333	57 0	—	1	93 5	9	27 5	20 26 4	1 65	—	0 92	6 24				
Bruce Mines	46 18	83 55	595		—	—					0 66	—	0 29	6 24				
Chapleau	47 48	83 28		56 2	—	1	93 0	8	29 0	16 26 3	1 34	—	0 82	5 25				
Copper Cliff	46 30	80 59		55 4	—	8	91 0	9	35 0	20 22 9	0 14	—	0 10	2 28				
Grassett	48 29	84 29			—	1					1 87	—	0 70	8 22				
Porcupine	45 40	82 44		58 1	—	3	95 0	9	24 0	5 28 0	1 87	—	0 83	3 27				
Providence Bay	48 35	85 16	1252	54 5	—	4	75 0	26	30 0	6 35 1	1 93	—	0 83	7 23	2			
Timmins (Wawatim Falls)	48 40	81 30	885	50 3	—	2	92 5	9	26 0	5 27 5	1 92	—	0 74	6 24				
Turbine	44 18	81 35	685	57 5	—	1	96 0	8	27 5	19 30 9	1 25	—	0 72	6 24				
White River	48 35	83 16	1248	54 3	-3 0	24	91 0	8	22 0	16 33 4	0 70	-1 69	0 23	5 25				
<i>Nipissing</i>																		
Cochrane	49 2	81 0	946	56 3	—	4	93 0	9	26 0	5 27 3	2 07	—	1 18	11 14				
Haileybury	47 29	79 39	687	59 8	-2 2	21	91 0	9	32 3	5 22 3	1 76	-1 63	0 87	7 23	3			
Iroquois Falls	43 45	80 40	850		—	4	85 0	8	25 0	12 31 2	1 55	—	0 65	4 26				
Montreal River	47 8	79 29		59 3	—	—						—						
<i>Upper Ottawa River</i>																		
Rutherford (Lake Talon)	46 15	74 48		60 0	-1 4	19	94 0	8	29 0	0 27 4	2 54	-0 12	1 00	9 21	1			
Stonewall (Rockcliffe)	46 9	78 6	557	60 0	-2 8	37	96 0	9	30 0	2 26 9	3 25	-0 12	1 66	12 18				
<i>Upper St. Lawrence and Lower Ottawa Rivers</i>																		
Almonte	45 12	76 13	390	61 5	—	3	89 0	23	35 0	20 24 5	3 04	—	0 67	10 20				
Bloomfield	43 59	77 21	260	61 7	-2 2	17	84 0	9-25	37 0	20 21 8	1 88	-0 05	0 80	7 23				
Hillier				61 4	—	3	82 0	8-9	40 0	7 19 3	2 00	—	0 60	6 24				
Kingston	44 13	76 29	285	63 8	+1 0	39	84 8	10	44 8	19 11 8	2 91	-0 29	0 66	9 21				
Montague	44 56	75 57		61 3	—	5	86 0	10	37 5	20 23 1	2 6	—	0 71	9 21				
Morrisburg	44 56	75 12		68 7	—	2	85 1	25	33 5	20 26 5	2 26	—	0 52	7 23	2			
North Gower	45 8	75 43			—	12			34 0	11	1 18	—	0 62	2 28				
Ottawa	45 26	75 42	294	62 2	-2 9	39	85 0	23 24	39 0	20 20 5	2 92	-0 55	0 75	9 21				
Renfrew	45 26	76 30	416	61 5	-4 3	27	90 0	23	33 5	2 25 3	2 73	-0 05	0 60	11 19				
<i>Georgian Bay Counties</i>																		
Barrie	44 23	79 41	339		—	—					3 38	+0 17	1 56	7 23				
Braintree	45 8	79 20	809	59 1	-1 7	29	91 0	9	30 0	20 24 6	3 09	—	1 59	4 26				
Big Chute (Buskin P. O.)	44 42	79 38	655	59 7	—	2	88 0	25	44 0	20 21 5	2 29	-0 36	1 24	5 25				
Coldwater	44 38	79 40	600	57 6	-6 0	26	94 0	9	26 0	21 29 8	1 77	-1 19	0 53	7 23				
Collingwood	44 31	80 2		61 7	-4 4	21	96 0	10	34 1	5 20 2 3	2 74	-0 70	1 06	5 25				
Gravenhurst	44 34	79 20		59 5	-3 4	43	94 0	9	31 0	6 26 5	2 24	—	0 64	8 22				
Huntsville	45 19	79 8		58 8	—	8	92 0	9	31 0	20 24 8	1 88	—	0 64	8 22				
Markdale	44 36	80 36		61 0	—	7	94 0	10	31 0	21 24 9	1 88	—	0 64	8 22				
Meaford	44 19	80 39			—	7	92 0	8	35 0	19	2 39	—	0 54	9 21				
Midland	44 44	79 53	750	63 5	+0 6	22	94 0	8	36 0	20 25 5	2 19	1 10	0 70	6 24				
Orillia	44 37	79 24	775	63 4	+0 6	22	94 0	8	36 0	20 25 5	2 19	1 10	0 70	6 24				
Owen Sound	44 34	80 55	597		—	—					1 91	-1 05	1 24	6 24				
Perry Sound	45 19	80 0	835	61 4	-1 5	38	93 0	9	35 0	20 24 0	1 91	-1 05	1 24	6 24				
Rosville	45 15	78 57	1038	55 2	—	7	91 0	8	29 0	1 31 2	3 18	—	1 61	8 22				
Sundridge				58 8	—	1	90 5	8-9	22 0	2 27 1	3 36	—	1 76	6 24				
Tobermory				58 2	—	1	82 0	8	37 0	19 15 9	2 56	—	1 09	11 19				
<i>Lake Huron Counties</i>																		
Biram	43 3	81 55	600	63 3	-1 6	29	92 5	8	33 0	24 20 2	1 61	-1 50	0 69	6 24				
Brucefield (Clinton)	43 32	81 37		61 5	-0 4	12	90 0	10	32 0	20 21 1	2 88	-0 09	1 59	10 20				
Lucknow	43 56	81 30	908	59 2	-4 4	27	88 3	8	29 8	20 25 1	2 45	-0 15	0 80	13 17				
North Bruce	44 23	81 25			—	26					2 73	+0 73	1 04	11 19				
Ridgcrest (Goderich)	43 45	81 41		61 0	-2 3	24	89 0	8	31 5	20 26 8	2 29	+0 20	1 17	13 17				
Southampton	44 30	81 21	656	59 5	-1 7	37	88 9	9	31 1	20 26 8	2 29	+0 20	1 17	13 17				

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JUNE, 1914.

* Stations not furnished with Registering Thermometers.

STATION	Latitude N.	Longitude W.	Elevation above sea level in feet.	TEMPERATURE							PRECIPITATION			Days with 01 or more.	No. of fair days.	No. of auroras	No. of thunderstorms.	No. of fogs.								
				Mean.	Difference from average.	Yr's Observations	Highest.	Date.	Lowest.	Date	Mean daily range.	Amount	Difference from Average.						Heaviest fall in month.							
ONTARIO—Continued—																										
Lakes St. Clair & Erie, Niagara Peninsula																										
Chatham.....	42 23	82 12	625	68.6	+ 2.3	32	97.0	8	38.0	20 23 2	2.90	+0.58	1.45	5	23											
Cottam.....	42 7	82 45	606	65.6	- 2.0	32	95.0	8	31.0	19 28 5	2.07	-0.49	0.52	2	23											
Dutton.....	42 40	81 32		64.6	—	2	94.0	8	55.0	20 23 3	1.15	-0.95	0.65	2	28	1										
Grimsby.....	43 13	79 36		65.5	—	5	95.0	9	42.0	19 21 3	3.42	—	0.96	8	22											
Pelee Island.....	41 50	82 35	655																							
Port Burwell.....	42 39	80 55	592	63.1	+ 0.5	11	84.0	10	37.5	20 18 0	1.91	-0.21	0.63	6	24											
Port Dover.....	42 27	80 13	635	63.0	- 1.2	39	83.5	24	37.5	20 20 7	2.21	-1.36	0.62	10	20		3									
Port Stanley.....	42 40	81 13	592	62.1	- 1.5	39	88.2	24	36.5	17 19.4	2.27	-0.44	0.70	11	19		6									
St. Catharines.....	43 9	79 17	347																							
Stoney Creek.....	43 13	79 45	292	64.0	- 2.1	29	97.0	8	38.0	20 21 0	2.68	-0.14	0.76	7	23											
Wallaceburg.....	42 35	82 24		65.9	—	9	94.0	8	43.0	15 22 7	2.98	—	1.02	6	24											
Welland.....	42 59	79 17	577	66.6	+ 0.8	28	89.0	8-9	42.0	20 20 3	2.55	-0.35	0.69	6	24											
Windsor.....	42 20	83 4	625	67.7	+ 0.3	39	91.0	9	44.0	20 18 2	3.13	-1.39	1.22	10	20											
West-Central Counties																										
Alton.....	43 51	80 5	1259	62.1	- 0.6	27	90.0	9	32.5	20 22 0	2.36	+0.52	0.92	8	22		2									
Brantford.....	43 10	80 21	750	64.5	- 0.8	32	92.0	9	34.0	19 23 7	3.34	-1.14	1.25	11	19		3									
Elora.....	43 41	80 24	1274	61.6	- 3.9	17	92.0	8	30.0	20 27.4	1.90	-0.14	0.46	11	19		1									
Geolph.....	43 33	80 16	1050	62.6	- 3.4	36	89.0	8-9	34.0	20 24.1	2.76	-0.05	0.56	9	21											
Listowel.....	43 44	80 58	1262	61.6	- 0.2	15	93.0	8	32.0	19 24.9	2.58	-0.81	0.69	5	25											
London.....	42 59	81 13	808	64.7	- 1.2	29	94.0	8-9	35.0	20 24.6	2.71	+0.09	0.97	8	22		4									
Paris.....	43 12	80 25	840	64.3	- 1.0	25	92.0	8-9	37.0	20 23.7	3.55	+1.33	0.92	10	20		4									
Shelburne.....	44 5	80 47																								
Stratford.....	43 23	81 0	1191																							
Woodstock.....	43 8	80 47	980	62.0	- 2.4	40	88.0	9	35.0	20 20.4	1.97	-1.22	1.02	6	24											
Lake Ontario Counties																										
Agincourt.....	43 47	79 16	590	63.5	+ 1.0	18	91.0	24	35.0	20 24.0	1.73	-0.69	0.69	7	23		3									
Aurora.....	43 57	79 24	886	60.2	—	6	91.0	9	32.7	5 23.8	1.96	—	1.32	..	23											
Georgetown.....	43 38	80 2		62.8	—	1	90.0	9	31.2	20 20.5	2.50	-0.24	0.75	11	19		5									
Hamilton.....	43 16	79 54	303	65.8	+ 0.2	39	95.0	9	40.0	20 20.4	—	—	—	..	..	2								
Oshawa.....	43 53	78 52	331	61.9	—	5	87.0	24	34.0	20 23.4	1.91	—	0.49	8	22											
Toronto.....	42 40	79 24	350	64.4	- 0.2	74	91.3	24	38.0	20 20.9	2.17	-0.62	0.88	11	19		4									
Toronto Is (Lakeside Home)	43 40	79 24		66.8	+ 0.8	16	88.0	10-25	39.0	20 21.6	—	—	—	..	..									
Uxbridge.....	44 5	79 8	886	62.2	- 0.8	10	91.0	8-9	33.0	6 22 3	1.66	-0.70	0.64	7	23											
Wexford.....	43 44	79 17	555	61.3	—	3	87.0	11	35.0	20 19.6	1.72	—	0.77	9	21		3									
East-Central Counties																										
Bancroft.....	45 1	77 50		59.8	- 2.9	23	91.0	9	32.0	1-19 27.0	2.47	—	1.13	3	27		1									
Haliburton.....	45 1	78 28	1050	60.2	- 2.0	25	94.0	8-9	30.0	6-20 31.4	5.42	+1.77	1.75	6	24		4									
Kilmount.....	44 45	78 38	920			15																				
Lakefield.....	44 25	78 15	850	63.9	- 2.7	27	91.0	10	38.0	20 21.8	1.67	-0.04	0.40	9	21											
Lindsay.....	44 20	78 45	872	62.3	- 4.3	34	92.0	8-9	34.0	20 26.0	1.59	-1.72	0.88	9	21		1									
Madoc.....	44 30	77 29	575	61.6	- 1.8	19	87.0	8	36.0	20 21.8	1.96	-0.48	0.65	7	23		1									
Norwood.....	44 24	77 57		63.2	—	2	91.0	9	35.0	6 26 1	0.59	—	0.59	1	29											
Peterboro.....	44 17	78 19	722	62.6	- 3.9	38	93.0	8	35.0	20 24.7	1.18	-1.67	0.30	7	23		1									
Ursin.....	44 54	78 18																								
QUEBEC—																										
Middle St. Lawrence																										
Bark Lake Depot.....	46 30	75 20		58.3	—	1	92.0	10	30.0	3 27.7	29.2	—	1.07	7	23											
Beauceville.....	46 11	70 48	557	57.5	—	1	87.0	25	51.7	4 27.0	3.00	—	0.39	11	19		2									
Brome.....	45 10	72 36	678	59.1	- 3.0	33	95.0	24	35.0	6 19 2	3.14	-1.51	0.75	9	21		1									
Cap Rouge.....	46 46	71 18		57.4	—	4	86.0	25	32.0	2 21.0	3.28	—	0.71	17	13		5									
Cedar Rapids.....	45 21	74 5	132			2																				
D'Iseret.....	45 55	71 21	896			4	85.0	25			3.11	—	0.72	9	21		1									
Drummondville.....	44 30	72 30		59.2	—	1	86.0	25	36.0	2 23.2	4.30	—	1.00	13	17		3									
Huberdeau.....	45 59	74 41	900	58.5	—	1	87.5	24	32.0	3 24.3	2.25	—	0.87	9	21		2									
Huntingdon.....	45 5	74 10		61.3	—	1	90.0	24	37.9	6-13 22.2	1.59	—	0.36	9	21											
Joliette.....	46 2	73 23				1	89.0	25			4.27	—	1.00	7	23											
Lake Megantic.....	45 35	70 53	1314	55.1	—	1	83.0	24	33.0	27 18.8	2.85	—	0.64	12	18		2									
MacDonald College (Ste. Anne de Bellevue)	45 27	73 59		55.4	—	8	81.4	25	32.6	2 26.3	0.92	—	0.29	15	15											
Montreal.....	45 30	73 35	187	62.1	- 3.0	39	87.5	24	29.9	2 18.1	2.90	-1.12	0.84	12	18		2									
Nicolet.....	46 15	72 36		57.8	—	1	86.4	12	28.0	25 22.3	3.45	—	2.10	5	25											
Norving.....	46 27	75 0		57.9	—	1	85.1	11	31.0	2 23.7	3.46	—	1.09	10	20											
Quebec.....	46 48	71 13	296	58.2	- 3.0	39	85.6	24	32.0	2 20 2	2.99	-1.31	0.66	13	17		6									
St. Lin.....	45 43	73 47		58.7	—	1	89.0	25	31.0	6 26.0	2.57	—	1.06	9	21											
Shawbridge.....	45 54	74 3																								
Shawinigan Falls.....	46 34	72 43		54.0	- 5.5	11	87.0	24	27.0	2 23.4	3.64	—	1.09	13	17		5									
Sherbrooke.....	45 24	71 53	620	59.4	—	11	86.2	24	38.6	2 20 7	5.06	+0.73	1.04	14	16		2									
Lower St. Lawrence & Gulf																										
*Anticosti, E. Pt.....	49 6	61 42	30	44.1	- 4.6	31	51.0	23	33.0	3 —	1.87	-0.25	0.70	4	26											
*Anticosti, S.W. Pt.....	49 24	63 33		46.1	- 3.0	32	70.5	18	30.0	5 16.8	3.79	+1.46	1.66	16	14											
*Anticosti, W. Pt.....	49 52	64 32	30	47.6	- 6.4	32	65.0	18	34.0	5 —	3.82	+1.08	2.00	6	24											
*Bicquet.....	48 25	63 63		53.3	+ 3.0	32	83.0	24	31.0	3 —	3.47	+0.18	1.00	8	22											
*Cape Chatte.....	49 6	66 45		50.9	- 3.2	30	72.0	19	36.0	3 —	2.45	-0.78	0.80	7	23											
*Cape Magdalen.....	49 16	65 20	93	51.2	- 3.9	32	82.0	19	35.0	5 —	5.78	+2.89	3.20	15	15	1										
*Causapscal.....	48 21	67 12	450																							
*Father Point.....	48 31	68 19	20																							
*Ste Anne de la Pocatiere.....	47 22	70 2	65																							
Tadoussac.....	48 10	69 47		51.6	- 1.0	36	76.0	19	32.0	2 16.4	2.16	-1.01	0.76	13	17											
				53.9	—	4	1 86.0	25	30.0	4 19.1	2.50	—	0.75	12	18		3									

TEMPERATURE AND PRECIPITATION AT STATIONS IN THE DOMINION OF CANADA, JUNE 1901

*Stations not furnished with Registering Thermometers

STATION	Latitude	Longitude	Elevation above sea level, in feet	TEMPERATURE							PRECIPITATION				
				Mean	Difference from average.	Yr's Observations	Highest	Date	Lowest	Date	Mean daily range	Amount	Difference from average	Heaviest fall in month	Days with all rain
Lake St. John															
Chicoctimi.....	48 25	71 5	150	56.1	-3.7	37	85.6	24	31.5	4	23.5	4.41	1.07	0.78	12 18
Chicoctimi (2).....	48 25	71 5		49.2	—	4	78.0	10	28.0	4	11.6				
La Loutre Rapids.....	48 23	74 18	1288	50.8	—	2	85.0	24	28.0	1	20.6	5.22		1.35	11 10
Lake Edward.....	47 30	72 15	1333		—	4									
La Tuque.....	47 27	72 48	620	57.8	—	3	90.0	25	36.0	3 15	25.7	3.84	—	1.67	9 1
Mistassini.....	48 51	72 15	360	54.2	—	3	84.0	19	30.0	2 4	21.9	4.29	—	1.61	14 19
Roberval.....	48 31	72 13	352	56.0	—	5	88.0	19	29.0	4	21.9	3.14	—	1.77	14 10
The Northwestern Districts															
Abitibi.....	48 33	79 22		57.0	-1.1	18	85.0	8-9	27.0	2	21.5	1.75	-1.67	0.82	8 22
Amos.....	48 36	78 7		53.9	—	1	92.0	9	22.0		27.5	2.41	—	0.60	9 21
Quinzo Dam.....	47 34	79 16		57.8	—	1	96.0	9	32.0	5 19	25.2	2.88	—	1.10	9 25
Temiskaming.....	46 44	79 7		62.9	—	1	96.0	9	28.0	12 32	12.2	4.09	—	1.57	6 25
Ville Marie.....	47 55	79 25			—	1									
White Shore Lake.....	48 12	75 43	1394		—	3									
The North Shore															
Clarke City.....	50 10	66 25			—										
NEW BRUNSWICK—															
Chatham.....	47 3	65 29	21	57.0	-2.9	39	88.0	24	30.0	4	22.5	5.39	-2.76	2.16	14 16
Dalhousie.....	48 4	66 22	39	55.8	-1.0	40	85.0	24	39.0	4	20.2	2.90	-0.09	1.65	6 21
Edmundston.....					—										
Friedericton.....	45 57	66 36	164	56.9	-3.7	42	83.0	24	26.8	4	24.4	4.49	-0.86	1.67	13 17
Friedericton (Exp. Farm).....			106	56.6	—	1	85.5	24	28.0	4	26.5	4.34	—	2.35	9 21
Grand Falls.....	47 2	67 44		58.0	—	2	80.5	24	33.5	5	17.2	5.06	—	2.25	8 22
Moncton.....	46 9	64 45	50	55.6	+0.5	17	85.0	24	25.0	3	24.2	4.10	+1.29	1.89	8 22
*Point Lepreau.....	45 4	66 28	30	50.8	-4.9	32	65.0	11	43.0	4-5		2.27	-1.90	1.13	5 25
St. John.....	45 17	66 4	70	54.7	-1.3	41	81.3	11	35.7	9	14.9	4.26	+1.79	1.55	13 16
St. Stephen.....	45 11	67 16	35	56.9	-2.7	17	87.0	25	26.0	4	26.1	2.82	-0.47	1.33	8 22
Sussex.....	45 38	6 38	96	55.9	-2.1	17	81.0	11	21.0	4	29.0	2.97	-0.14	1.38	6 24
Williamsburg.....	46 20	66 43			—										
Woodstock.....					—	1									
NOVA SCOTIA—															
Advocate.....	45 19	64 46			—	2									
Annapolis.....				56.2	—	1	80.0	13	29.0	6	22.6				
Antigonish.....	45 38	61 59	50	54.1	—	4	84.0	24	26.0	4	25.7				
Berwick.....	45 5	64 50		55.5	—	1	79.0	21	28.0	4	23.4				
Halifax.....	44 39	63 26	88	55.9	-1.7	39	86.6	11	32.2	4	23.9	5.36	+1.46	2.32	11 19
Kentville.....	45 3	64 36	40	53.6	—	3	83.0	24	27.2	4	22.8	3.88	—	1.71	8 22
Kentville (2).....				56.2	—	2	82.0	24	32.0	4	22.8	4.29	—	1.10	13 17
Liverpool.....	44 0	64 40	56	56.2	—	2	81.0	25	30.0	3 10	27.9	4.63	—	2.37	9 21
Middleton.....				59.8	—	1	88.3	13	28.8	4	30.4				
Nappan.....	45 46	64 34		54.2	—	1	77.0	11	26.0	4	21.3	4.23	—	1.62	6 21
New Germany.....	44 30	64 42		58.5	—	3	81.0	23	33.0	4	19.8	4.69	—	2.57	7 23
Parrsboro.....	45 23	64 19	40	53.1	-2.7	17	77.0	11	26.0	4	24.2	4.62	—	1.15	5 25
Port Hastings.....	45 39	61 22	45		—										
*Sable Island, E. Pt.....	43 58	59 48	25	50.5	-2.4	31	65.0	20	40.0	5-9		1.65	-1.31	0.60	7 27
Sable Island (Main Station).....	43 57	60 6	25		—	31									
Sutherland's River.....				53.1	—	1	83.0	23	30.0	3-4	25.8				
Sydney.....	46 10	60 10	35	52.4	-2.3	41	78.0	23	33.5	4	24.8	2.12	-0.79	0.88	12 18
Truro.....	45 22	63 18	77	53.7	-4.1	41	82.0	23	24.0	4	25.2	4.86	-1.01	1.78	12 18
Truro (2).....	45 25	63 15		53.4	—	2	79.0	23	24.0	4	22.5	5.45	—	1.57	10 20
Whitehead.....	45 15	61 8	20	45.5	-4.1	30	61.0	26	35.0	4	9.1	0.35	-3.21	0.45	2 28
Windsor.....	44 59	64 6	90	50.3	-1.2	11	80.0	12-25	33.0	4	21.2	3.95	-0.89	1.37	11 19
Wolfville.....	45 7	64 20		54.4	-2.9	15	80.0	11	30.2	5-6	23.6	4.21	+1.61	1.31	10 20
Yarmouth.....	43 50	66 2	65	53.7	-1.7	35	69.4	12	34.4	3	14.9	3.92	+0.69	1.36	12 18
P. E. ISLAND—															
Charlottetown.....	46 14	63 10	38	55.1	-3.0	38	79.0	24	37.0	3-4	17.9	5.31	+2.67	1.79	15 15
Charlottetown (Exp. Farm).....	46 14	63 7	75	54.7	—	4	79.0	21	34.5	3	19.4	5.32	—	2.62	17 13
Hamilton.....	46 25	63 48			—										
Summerside.....	46 18	63 51			—										
NEWFOUNDLAND—															
*Amour Point.....	51 28	56 51		41.5	-5.1	21	52.0	23	32.0	21		1.46	-0.68	0.89	1 26
Burin.....	47 0	55 10	27	47.7	—	5	68.0	22 24	32.0	7-10	18	4.62	—	0.99	14 1
*Cape Norman.....	51 38	55 52		40.9	-1.0	30	56.0	30	22.0	3		0.8	-1.32	0.51	6 24
Fogo.....	49 43	54 17	30		—										
*Point Riche.....	50 42	57 25	35	44.6	-2.3	20	60.0	25	32.0	1		0.95	-1.71	0.40	6 21
Port aux Basques.....	47 35	59 10	27	44.2	—	6	65.0	23	30.0	3	11.8	5.54	—	0.12	18 1
St. George's.....	48 28	58 25		49.2	—	23	67.7	25	33.8	9	13.1	1.11	—	0.13	17 19
St. John's.....	47 34	52 42	125	51.4	+1.7	41	75.0	23	32.0	10	17.6	2.49	-1.49	0.70	12 18
BRUNSWICK—															
Prospect.....	32 17	64 46	151	73.2	-1.6	23	89.8	28	61.8	8	10.2	2.69	-3.10	0.72	7 29

PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING JUNE, 1914.

STATIONS.	RAINFALL.					SNOWFALL.				REMARKS
	Amount in inches.	No of Days .01 or over.	No. of Fair Days.	Heaviest Fall in Month.	Date.	Amount in inches.	No. of Days.	Heaviest Fall in Month.	Date.	
BRITISH COLUMBIA—										
Alkali Lake.....	2.05	18	12	0.41	21					
Annie (Canoe Point).....	2.04	9	21	0.72	7					
Beaver Lake (Royal Oak).....	4.19	7	23	1.87	6					
Coquitlam.....	2.36	6	25	0.77	23					
Deenman's Island.....	4.23	15	15	0.85	20	*	1	*	20	
Ferguson.....	2.34	10	20	0.99	7					
Goldstream Lake.....	2.58	5	25	0.85	24					
Hornby Island.....										
Hydraulic.....	1.54	8	22	0.83	25					
Invermere.....	3.91	10	20	1.78	8					
Jordan River.....	4.48	15	15	1.50	7					
Jordan River (Bear Creek).....	2.66	5	25	0.74	7					
Little Qualicum (Fr. Cr. V.L.)	2.33	19	11	0.59	3					
Lumby.....	1.09	5	25	0.45	16					
Nass Harbour.....	1.68	6	24	0.59	24					
Rock Creek.....	1.77	8	22	0.84	7					
Sooke Lake.....										
Stamps Falls (Alberni).....	1.44	8	22	0.90	28					
Wycliffe.....										
ALBERTA—										
Bardo.....	7.85	16	14	1.44	4					
Beaver Mines.....	2.76	4	26	2.21	25					
Bismark.....	7.10	11	19	1.36	5					
Bittern Lake.....	7.86	17	13	1.36	4					
Brooks.....	2.68	12	18	0.61	25					
Bruderheim.....	1.98	7	23	0.63	24					
Caldwell.....	3.14	9	21	2.33	25					
Clareholme.....	1.65	7	23	0.48	5					
Clarinda.....	1.76	5	25	0.86	25					
Coleman.....										
Conjuring Creek.....	3.06	11	19	1.57	25					
Cree Bank Ranch (Cowley).....										
Dorence (Bashaw).....	8.85	22	8	2.39	5					
Dunstable (Five Lakes).....	3.00	3	27	2.00	25					
Grassy Lake.....	3.35	12	18	1.25	25	S	1	S	24	
Jumping Pound.....										
La Pearl.....	1.95	12	18	1.32	25					
Lethbridge.....	3.10	3	27	1.60	25					
Lineham.....	3.76	10	20	2.12	25					
Lyndon.....										
Macleod.....	2.85	10	20	1.83	25					
Maycroft.....	2.61	4	26	1.17	25					
Mountain View.....	2.97	8	22	2.08	25					
Nanton.....	2.16	10	20	0.61	26					
Nateby.....										
Pekisko.....	6.01	10	20	1.20	3					
Ponoka.....	5.89	9	21	2.30	5					
Roycroft Ranch (Mannville).....	2.84	8	22	1.56	25					
Seven Persons.....	3.24	7	23	1.43	25					
Waterton Mills.....										
SASKATCHEWAN—										
Gull Lake.....	2.89	9	21	1.31	4					
Gull Lake (Fks. Swift Cur.)	2.70	10	20	0.69	4					
Wapashoe.....	1.32	12	18	0.31	5					
MANITOBA—										
Cartwright.....	2.79	11	19	0.72	17					
Deloraine.....	1.32	6	24	1.13	6					
Rapid City.....										
ONTARIO—										
Bow Park Farm (Brantford).....			23	0.89	7					
Deer Park.....	1.89	7	28	0.65	19					
Dutton.....	1.15	2	21	1.10	29					
Emsdale.....	2.87	9								
Fort Frances.....			21	0.96	4					
Grand Valley.....	3.03	9								
Grantham.....			24	1.30	8					
MacCue.....	2.74	6	25	1.45	7					
Niagara Falls.....	3.40	5								
Nipigon.....										
Point Clark.....										
Princeton.....				0.87	4					
Rock Chapel (Grimby).....	2.87	10	20							
Strathroy.....										
Sydenham.....	1.85	—	23	0.65	3					
Watford.....	2.01	7								
Wawatlin Falls.....			26	0.71	27					
Westminster.....	2.23	4	22	1.02	8					
Westport.....	3.06	8	22	1.30	28					
Wiarlon.....	3.13	6	24							

PRECIPITATION AT STATIONS REPORTING RAIN, SNOW, WEATHER, &c., DURING JUNE, 1914.

STATIONS	RAINFALL.					SNOWFALL.				REMARKS
	Amount in inches	No. of Days .01 or over.	No. of Fair Days.	Heaviest Fall in Month	Date	Amount in inches	No. of Days.	Heaviest Fall in Month	Date	
QUEBEC—										
Kipawa Dam.....	2 13	6	24	0 86	19					
Lucerna.....	2 88	5	25	1 30	28					
Perkins Mills.....	3 24	5	25	1 35	29					
Quicze Dam.....										
Timiskaming.....										
NEW BRUNSWICK—										
Point Escuminac.....	6 39	9	21	2 80	5					
NOVA SCOTIA—										
Milton.....	3 78	3	27	2 62	5					
South Alton.....	3 88	7	23	1 50	5					
White Rock.....	3 67	3	27	1 67	9					

PRESSURE, HUMIDITY, CLOUDINESS AND WIND AT STATIONS OF THE FIRST CLASS DURING THE
MONTH OF JUNE, 1914.

a Barometer not reduced to sea level

STATION	Latitude N.	Longitude W.	Elevation above sea level, in feet.	PRESSURE.				Mean relative humidity	Mean amount of cloud	No. of days completely clouded.	DIRECTION OF WIND FROM									Total number of observations.	VELOCITY OF WIND																		
				Mean reduced.	Highest.	Lowest.	Range.				N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	C.		Mean miles per hour.	Maximum velocity.	Date and direction from.																
BRITISH COLUMBIA—																																							
Atlin.....	59 35	133 38	2240	30.03	30.39	29.73	0.76	78	6	4	0	0	0	0	32	2	0	3	23	60																			
Barkerville.....	53 2	121 35	4180	29.91	30.35	29.44	0.91	57	7	7	0	0	1	1	19	2	0	0	36	60																			
Kamloops.....	50 42	120 29	1245	29.88	30.32	29.53	0.79	71	4	1	1	1	8	4	10	0	21	1	14	60																			
Nanaimo.....	49 10	123 37	125	29.88	30.18	29.44	0.74	77	4	1	5	9	2	7	4	3	2	7	21	60																			
Prince Rupert.....	54 18	130 18	170	30.00	30.38	29.69	0.73	77	7	14	0	0	0	0	1	0	9	0	50	60																			
Triangle Island.....	50 52	129 5	680																																				
Tranquille.....	50 41	120 29		28.63	29.02	28.29	0.73	58	6	1	1	0	8	0	2	3	8	1	37	60																			
Vancouver.....	49 17	123 5	136	30.10	30.31	29.55	0.76	75	4	5	1	2	14	10	4	3	9	9	8	60																			
Victoria.....	48 24	123 19	85	30.02	30.32	29.57	0.75	76	4	2	6	5	1	4	3	35	5	0	2	60	13.6	43	2	SW															
YUKON—																																							
Dawson.....	64 4	139 20	1200	29.80	30.14	29.45	0.69	—	5	2	3	0	2	0	9	0	0	1	45	60																			
ALBERTA—																																							
Banff.....	51 10	115 34	4542	29.88	30.29	29.43	0.86	62	6	3	1	4	1	3	—	23	5	1	22	60																			
Calgary.....	51 2	114 2	3389	29.86	30.30	29.31	0.99	66	5	7	6	9	3	1	1	2	1	28	9	60	6.2	21	17	NW															
Edmonton.....	53 33	113 30	2158	29.84	30.23	29.26	0.97	76	6	4	6	5	9	1	8	8	4	12	7	60	6.7	20	20	E															
Medicine Hat.....	50 1	110 37	2161	29.81	30.26	29.37	0.89	64	6	3	0	3	4	0	2	25	9	6	11	60																			
SASKATCHEWAN—																																							
Battleford.....	52 41	108 20	1620	29.85	30.23	29.35	0.87	59	5	4	2	2	12	2	1	2	4	1	34	60																			
Moose Jaw.....	50 21	105 35	1759	29.80	30.23	29.33	0.90	84	5	6	2	4	24	4	0	0	13	5	29	90																			
Prince Albert.....	53 10	106 0	1432	29.84	30.28	29.36	0.92	80	7	7	1	2	8	4	4	4	5	2	30	60																			
Qu'Appelle.....	50 30	103 47	2115	29.67	30.26	29.40	0.86	74	6	4	0	10	6	11	6	10	6	10	1	60	9.4	26	5	SE															
Swift Current.....	50 20	107 45	2439	29.83	30.22	29.34	0.88	81	6	6	2	3	9	10	4	18	5	5	4	60	11.4																		
MANITOBA—																																							
Le Pas.....	53 49	101 15	890	29.84	30.20	29.38	0.82	66	3	0	5	14	11	6	5	6	12	1	0	60																			
Minnedosa.....	50 15	99 50	1699	29.92	30.37	29.46	0.91	81	6	5	6	12	13	3	2	9	3	9	9	60																			
Winnipeg.....	49 53	97 7	760	29.93	30.35	29.48	0.87	58	5	0	6	21	5	11	9	15	12	5	6	90	11.2	39	4	SE															
ONTARIO—																																							
Cochrane.....	49 2	81 0	946	29.93	30.41	29.53	0.88	62	3	0	17	1	3	1	4	4	16	14	0	60	9.6	30	9	SW															
Haileybury.....	47 29	79 39	687	29.97	30.34	29.61	0.73	62	5	2	17	4	4	1	4	12	3	0	9	60																			
Kingston.....	41 13	76 29	285	29.97	30.30	29.66	0.64	74	4	3	0	14	0	2	6	11	19	7	1	60	8.4	24	20	W															
Lindsay.....	44 20	78 45	872	29.07	29.32	28.81	0.51	70	4	3	7	8	8	6	3	18	5	17	18	90																			
London.....	42 59	81 13	808	30.01	30.25	29.67	0.58	74	4	3	1	28	4	17	0	5	3	32	0	90																			
Ottawa.....	45 26	75 42	294	29.32	30.26	29.67	0.59	77	5	4	16	1	10	3	0	11	18	6	1	66																			
Parry Sound.....	45 19	80 0	635	29.99	30.26	29.72	0.54	74	5	4	4	6	3	4	7	15	9	11	1	60	6.6	17	19	N															
Port Arthur.....	48 27	89 12	644	30.00	30.32	29.59	0.73	76	5	3	9	16	12	5	14	13	6	15	0	90	9.3	34	9	NW															
Port Stanley.....	42 40	81 13	592	30.00	30.25	29.71	0.54	75	5	5	1	3	9	2	1	0	6	7	7	36																			
Southampton.....	44 30	81 21	656	30.02	30.28	29.67	0.61	80	5	5	5	4	5	2	19	7	9	7	1	60	8.4	27	24	NE															
Stonecliff.....	46 9	78 6	557	29.56	30.30	29.70	0.60	79	5	2	1	3	5	1	0	1	16	3	39	60	5.0	17	19	NW															
Toronto.....	43 40	79 24	350	29.99	30.28	29.63	0.60	63	4	4	4	14	1	1	1	18	4	16	1	60	7.5	33	24	E															
White River.....	48 35	85 16	1252	29.97	30.36	29.62	0.74	68	5	1	12	7	1	4	6	4	14	6	6	60	6.6	31	9	SW															
Woodstock.....	43 8	80 47	980	30.00	—	—	—	69	5	—	8	13	11	4	1	21	4	25	0	87	8.8	26	24	SW															
QUEBEC—																																							
Anticosti S.W. Pt.....	49 24	63 35	30	29.81	30.33	29.28	1.05	84	6	3	8	6	3	26	13	0	1	23	10	90	14.6	54	5	NE															
Father Point.....	48 31	68 19	20	29.85	30.24	29.43	0.81	86	6	5	4	0	12	0	3	8	30	3	0	60	14.5	40	5	E															
Montreal.....	45 30	73 35	187	29.90	30.21	29.50	0.71	53	5	5	10	13	1	3	5	12	28	18	0	90	11.4	24	10	NW															
Quebec.....	46 48	71 13	296	29.86	30.26	29.51	0.75	66	7	10	1	24	4	0	1	27	25	8	0	60	13.8	40	8	NE															
Sherbrooke.....	45 32	72 5	620	29.90	30.19	29.54	0.65	63	5	6	5	0	6	6	8	11	30	24	0	90																			
NEW BRUNSWICK—																																							
Chatham.....	47 3	65 29	21	29.88	30.37	29.35	1.02	72	4	3	2	3	10	3	2	11	16	13	0	60																			
Fredericton.....	45 57	66 36	164	29.91	30.49	29.46	1.03	66	5	6	3	14	7	3	7	15	11	27	3	90	8.8	34	5	NW															
St John.....	45 17	66 4	70	29.90	30.36	29.46	0.96	70	5	6	9	4	6	5	20	16	16	17	7	90	11.4	40	5	NW															
NOVA SCOTIA—																																							
Halifax.....	44 39	63 36	88	29.97	30.39	29.32	0.80	80	6	5	4	6	0	5	11	11	15	8	0	60	11.7	38	5	SW															
Sable Island (MStation).....	43 57	60 6	25																																				
Sydney.....	46 10	60 10	35	29.91	30.35	29.27	1.08	68	7	14	2	8	7	6	9	19	15	23	1	90	12.8	39	5	SW															
Truro.....	45 22	63 18	77	29.91	30.32	29.34	0.98	—	6	4	2	8	5	3	20	19	17	8	3	90																			
Truro (2).....	45 25	63 15	—	29.92	30.56	28.91	1.65	—	7	5	2	4	6	3	3	10	6	9	2	45																			
Wolfville.....	45 7	64 20	—	29.91	30.33	29.32	1.01	—	6	3	2	4	14	1	3	4	30	2	0	60	10.6																		
Yarmouth.....	43 50	66 2	65	29.95	30.30	29.51	0.79	85	5	7	2	3	2	7	12	5	17	9	3	60	10.1	28	5	S															
P. E. ISLAND																																							
Charlottetown.....	46 14	63 10	38	29.88	30.34	29.32	1.02	74	6	5	1	12	0	7	6	27	1	6	0	60	8.9	27	4	SE															
NEWFOUNDLAND																																							
Burin.....	47 0	55 10	27	29.95	30.41	29.49	0.92	—	—	—	3	3	5	6	6	27	3	7	0	60																			
Fogo.....	49 43	54 17	30					—	—	—	2	2	27	0	2	5	17	3	2	60																			
Port aux Basques.....	47 35	59 10	27	29.89	30.35	29.33	1.02	86	8	8	1	6	10	4	1	12	5	15	0	53																			
St. George's.....	48 27	58 31	21	29.89	30.32	29.35	0.97	86	8	8	1	6	10	4	1	12	5	15	0	53																			
St. John's.....	47 34	52 42	125	29.86	30.35	29.36	0.99	72	5	4	6	8	4	4	4	26																							

FREQUENCY OF THE WIND FROM THE EIGHT CARDINAL POINTS AT STATIONS OF
THE SECOND CLASS, DURING THE MONTH OF JUNE, 1914

STATION	DIRECTION OF WIND FROM								C.	Total number of observations
	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
ALBERTA—										
Athabasca Landing.....	1	3	4	3	7	2	6	4	0	30
Beaver Lodge.....	3	21	8	0	0	1	19	8	0	60
Didsbury.....	1	1	2	3	0	1	5	6	0	19
Halkirk (Emsburg).....	1	4	7	13	1	5	4	21	1	60
Hillstown.....	0	3	2	8	3	3	2	25	14	60
Loveland.....	2	8	6	6	5	4	16	13	0	60
Macleod.....	0	1	0	10	0	2	38	9	0	60
Ranfurly (Wentfield).....	2	4	16	14	4	7	10	19	14	90
Sion.....	1	3	5	18	3	12	24	16	0	82
SASKATCHEWAN										
Brownhill (Grenfell).....	1	9	5	16	6	9	2	12	0	60
Chaplin.....	0	4	9	5	8	4	24	0	6	60
Cresecent Lake.....	1	7	5	8	9	9	12	4	5	60
Estevan.....	1	0	12	1	0	4	3	1	8	30
Fort Qu'Appelle.....	0	7	12	8	8	17	6	2	0	60
Indian Head.....	1	11	14	12	7	13	14	11	1	90
Kamsack.....	0	0	2	2	0	0	0	0	26	30
Larchmount (Pambrum).....	0	7	14	1	0	5	28	3	2	60
Muenster (St. Peter's Monastery).....	1	0	1	27	16	5	6	4	0	60
Onion Lake.....	4	4	2	8	3	2	2	4	1	30
Pense (Gatesgarth).....	0	1	1	14	0	3	4	7	0	30
Waseca.....	1	3	0	11	1	1	8	5	0	30
Yarbo (Fairfield).....	0	1	8	1	2	1	17	0	0	30
MANITOBA—										
Berens River.....	0	23	5	3	3	14	5	3	22	78
Brandon.....	0	10	19	13	13	14	11	10	0	90
Hillview.....	8	9	9	1	8	4	9	4	8	60
Moose Horn Bay (Aitkensville).....	13	9	4	1	2	12	11	3	2	57
Morden.....	17	6	3	7	3	8	9	4	3	60
Oak Bank.....	0	13	3	6	3	9	14	12	0	60
Stony Mountain.....	0	13	3	6	3	9	14	12	0	60
ONTARIO—										
Agincourt.....	2	4	11	6	8	18	5	33	0	90
Alton.....	34	1	10	1	7	1	25	11	0	90
Beatrice.....	9	1	2	5	7	5	4	16	41	90
Birnam.....	9	0	6	7	7	7	5	11	8	60
Brucefield.....	2	2	7	8	5	4	12	20	0	60
Cottam.....	18	0	6	7	25	3	1	0	0	60
Guelph.....	10	3	13	3	10	8	8	14	21	90
Gravenhurst.....	10	3	13	3	10	8	8	14	21	90
North Bruce.....	2	4	0	0	6	5	7	5	0	29
Orillia.....	4	6	2	0	1	7	2	8	0	30
Port Dover.....	0	29	16	1	1	31	9	3	0	90
Stoney Creek.....	1	1	4	0	0	4	0	11	9	30
Wexford.....	1	1	4	0	0	4	0	11	9	30
QUEBEC—										
Abitibi.....	23	3	6	2	16	3	24	12	1	90
Anticosti, Heath Point.....	4	3	15	3	1	18	10	19	17	90
Anticosti, West Point.....	3	13	8	1	31	5	10	19	0	90
Bicquet.....	6	20	1	0	11	25	13	9	5	90
Brome.....	7	0	1	0	10	3	39	0	0	60
Cape Chatte.....	2	0	18	0	1	1	43	4	21	90
Cape Magdalen.....	1	4	7	6	17	1	0	37	16	90
Cap Rouge.....	9	7	0	0	0	2	1	12	0	30
Cedars.....	1	5	1	1	0	10	7	5	0	30
Chicoutimi.....	0	12	1	16	0	15	8	18	20	90
Clarke City.....	0	12	1	16	0	15	8	18	20	90
NEW BRUNSWICK—										
Dalhousie.....	4	0	11	1	0	0	8	4	1	29
Moncton.....	0	2	0	6	2	5	8	7	0	30
Pt. Lepreaux.....	8	4	13	4	5	13	14	17	0	78
Sussex.....	0	7	0	0	0	4	2	7	10	30
NOVA SCOTIA—										
Kentville.....	2	4	1	1	3	4	11	4	0	30
Liverpool.....	2	6	4	3	0	2	9	4	0	30
Sable Island, E. Pt.....	2	12	0	8	4	39	0	25	0	90
Whitehead.....	4	1	1	3	5	11	4	1	0	30

MEAN PROPORTION OF BRIGHT SUNSHINE REGISTERED IN EACH HOUR OF THE DAY IN THE MONTH OF
JUNE 1914

STATION.	HOURS ENDING															
	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.
British Columbia																
Shawnigan Lake.....			.39	.65	.68	.66	.65	.66	.59	.65	.70	.66	.68	.61	.17	.44
Victoria.....		T	.43	.55	.60	.65	.69	.78	.77	.78	.80	.81	.74	.73	.64	.34
Salmon Arm.....			.33	.41	.44	.54	.63	.66	.57	.63	.55	.50	.47	.42	.36	.34
Nanaimo.....		.08	.39	.50	.58	.64	.58	.56	.60	.61	.59	.62	.70	.66	.62	.49
Sidney.....		.08	.43	.57	.61	.67	.69	.72	.71	.71	.75	.75	.71	.73	.65	.39
Vancouver.....		.08	.46	.52	.53	.53	.53	.54	.55	.63	.67	.69	.69	.66	.66	.49
Agassiz.....				.21	.38	.42	.44	.45	.55	.61	.49	.53	.54	.55	.50	.23
Tranquille.....			.22	.44	.59	.66	.67	.73	.75	.67	.74	.69	.58	.43	.46	.39
Summerland.....		.16	.44	.56	.61	.64	.65	.68	.71	.73	.61	.53	.57	.49	.43	.26
Kamloops.....																
Harper's Ranch.....																
Invermere.....		T	.16	.48	.67	.60	.63	.55	.52	.52	.44	.47	.41	.47	.46	.03
Alberta																
Edmonton.....		.15	.37	.36	.45	.45	.48	.54	.55	.57	.57	.52	.48	.44	.47	.07
Lethbridge.....		.18	.49	.65	.69	.68	.66	.71	.73	.67	.65	.60	.64	.62	.49	.41
Lacombe.....		.13	.43	.38	.44	.56	.53	.59	.58	.60	.52	.51	.47	.54	.44	.38
Medicine Hat.....		.26	.60	.63	.68	.63	.67	.58	.61	.68	.56	.60	.64	.64	.49	.51
Fort Dunvegan.....																
Fort Vermilion.....																
Saskatchewan																
Battleford.....		.15	.41	.47	.52	.54	.58	.60	.62	.64	.68	.67	.73	.62	.39	.41
Indian Head.....		.03	.33	.44	.49	.48	.51	.57	.62	.64	.67	.54	.56	.63	.45	.33
Moos Jaw.....		.02	.32	.44	.50	.53	.59	.54	.73	.53	.62	.65	.59	.58	.46	.35
Scott.....		.04	.23	.53	.53	.52	.58	.67	.67	.57	.62	.54	.47	.43	.37	.01
Rosthern.....		.20	.45	.58	.61	.59	.60	.54	.63	.63	.68	.55	.63	.63	.61	.52
Manitoba																
Brandon.....		T	.09	.47	.68	.62	.71	.69	.57	.62	.58	.49	.36	.18	.01	
Winnipeg.....		.16	.52	.61	.63	.60	.67	.72	.73	.74	.73	.65	.68	.64	.53	.33
Le Pas.....			.06	.51	.56	.58	.62	.61	.64	.67	.67	.69	.68	.61	.62	.23
Ontario																
Halleybury.....		.25	.50	.59	.58	.65	.68	.76	.68	.68	.66	.62	.62	.62	.63	.55
Woodstock.....			.68	.45	.55	.60	.67	.70	.68	.72	.74	.72	.72	.67	.58	.47
Lindsay.....				.39	.68	.64	.65	.66	.63	.63	.67	.70	.69	.68	.55	
Barrie.....		T	.57	.64	.59	.65	.64	.65	.62	.65	.70	.71	.71	.70	.66	.04
Guelph.....		.06	.56	.61	.66	.70	.71	.73	.73	.73	.74	.73	.70	.64	.67	.52
Toronto.....		.01	.40	.64	.70	.67	.67	.70	.70	.74	.75	.70	.71	.65	.60	.46
Kingston.....		.03	.35	.61	.69	.74	.74	.76	.74	.68	.69	.66	.76	.69	.60	.45
Ottawa.....		.08	.50	.55	.60	.64	.68	.70	.70	.68	.70	.64	.68	.65	.61	.52
Quebec																
Montreal.....		.02	.38	.56	.59	.59	.61	.66	.72	.71	.74	.67	.66	.62	.60	.22
Cap Rouge.....		.04	.34	.60	.66	.64	.77	.62	.60	.55	.57	.58	.56	.44	.44	.21
Quebec.....			.25	.47	.58	.57	.62	.60	.63	.59	.64	.58	.59	.46	.49	.29
Ste. Anne de la Pocatiere.....		.01	.40	.51	.58	.60	.62	.61	.62	.66	.67	.61	.54	.53	.41	.31
Sharbrooke.....		.13	.40	.47	.53	.56	.57	.63	.62	.60	.54	.60	.54	.59	.61	.48
New Brunswick																
Fredericton.....		.03	.36	.56	.55	.59	.62	.61	.64	.68	.66	.70	.69	.65	.60	.52
Prince Edward Island Charlottetown.....		.01	.67	.30	.40	.47	.50	.53	.66	.64	.64	.63	.62	.67	.63	.60
Nova Scotia																
Nappan.....			.29	.50	.68	.63	.67	.64	.65	.60	.56	.57	.56	.56	.55	.55
Wolfville.....																
Kentville.....		.01	.40	.58	.65	.63	.60	.53	.52	.54	.60	.62	.66	.69	.62	.45

SUMMARY OF SUNSHINE RECORDS

JUNE, 1914			Shawigan Lake	Victoria.	Salmon Arm.	Nanaimo.	Sidney	Vancouver.	Agassiz.	Tranquille.	Summerland.	Kamloops.	Harper's Ranch.	Invermere.	Edmonton.	Lethbridge.	Lacombe.	Medicine Hat.	Fort Duvegan	Fort Vermilion	Battleford.	Indian Head.	Moose Jaw.	Scott.	Rosbarn.	Brandon.	Winnipeg.	Le Pas	Haileybury.	Woodstock.	Lindsay.	Barrie.	Guelph	Toronto.	Kinston.	Ottawa.	Montreal.	Cap Rouge.	Quebec.	Ste. Anne de la Pionniere	Sherbrooke	Fredericton.	Charlottetown.	Nappan	Kentville	
Registered duration in hours.....			246	230	201	250	232	251	176	242	242	198	207	291	218	263	249	220	231	211	264	180	265	232	274	258	228	256	286	278	278	269	250	223	221	235	239	262	237	244	250
Percentage of possible duration....			51	59	41	52	59	49	37	49	50	38	41	58	44	51	50	45	47	42	53	37	55	46	58	56	49	55	61	60	60	58	58	47	47	50	51	56	51	52	54
Difference from average.....			—	+14	—	+7	—	—	+4	—	—	—	—	—	—	—	+5	+3	—	—	—	—	—8	+3	—	—	+2	—4	+2	—	+4	+6	+9	+8	—	+2	—	—	+10	—	—	
Maximum percentage in one day....			81	88	83	92	94	91	78	86	88	82	84	94	91	95	93	82	96	88	94	71	90	80	94	93	77	86	95	94	95	92	94	82	87	91	96	98	93	93	95
Date of maximum.....			11	14	30	29	15	29	14	29	29	30	15	30	19	19	8	8	8	12	8	15	13	9	26	16	10	5	1	16	17	5	5	27	22	27	22	26	26	20	27
Number of days completely clouded.....			2	2	1	2	4	4	4	1	1	3	4	2	7	2	3	4	6	2	2	5	0	4	2	3	2	2	3	2	2	4	3	3	3	7	4	5	3	1	

Thunder recorded:

1. Fredericton Exp. Farm, New Germany, Sutherland's River, Shoal Lake, Kelowna, Salmon Arm, Tappen, Armstrong, Kingston, Halifax, Alsask.
2. Sioux Lookout, Saskatoon, Kindersley, Chaplin, Klintonel, Pense, Lost River, Fort Qu'Appelle, Crescent Lake, Moose Horn Bay, Nelson, Kelowna, Salmon Arm, Summerland, Salmon Arm Exp. Farm, Tappen, Westley, Greenwood, East Arrow Park, Creston, Crawford Bay, Armstrong; Medicine Hat, Edmonton, Quebec, Beaver Lodge, Boswell.
3. Rapid City, Brandon, Klintonel, Whitewood, Fort Qu'Appelle, Anglia, St. Alban's, Shoal Lake, Qualicum Lake, Lazo, Gravenhurst, Lumby, Qu'Appelle, Minnedosa, Winnipeg, Ranfurly, Campsie, Halkirk, Loveland, Alsask, Hillsdown, Perbeck, Springdale, Athabasca Landing, Fort Vermilion, Bardo, Bittern Lake, Rossland, Pend d'Oreille, Gateway.
4. Treherne, Saskatoon, Shoal Lake, Alberni, London, Moose Jaw, Springdale.
5. Almasippi, Swan Lake, Lake Megantie, Beauceville, Whitewood, Ignace, Chatham, N.B.
6. Almasippi, St. Alban's, Morden, Oakbank, Dryden, Rapid City, Rathmullen, Chaplin, Pense, Whitewood, Ignace, Sioux Lookout, Chilcotin, Hope, Medicine Hat, Minnedosa, Halkirk, Loveland, Bismark, Springdale.
7. Georgetown, Gravenhurst, Qu'Appelle, Kingston, Swan Lake, Treherne, Agincourt, Alton, Dryden, Kakabeka Falls, Rutherglen, Wexford, Sioux Lookout, Brantford, Birnam, Madoe, Schreiber, Bloomfield, Renfrew, Norwood, Peterborough, Haliburton, Hillier, Bancroft, Paris, Montague, Port Dover, Wiarton, Westport, Emsdale, Kindersley, Lost River, Morden, Whitewood, Shoal Lake, Winnipeg, Stonecliffe, Lindsay, Hamilton, Toronto, Loveland.
8. Almasippi, Kakabeka Falls, Wexford, Sioux Lookout, Georgetown, Westport, Rapid City, Creseent Lake, Ignace, Shoal Lake, Timmins, Westley, Minnedosa, Cochrane, Kingston, Stonecliffe, Brooks.
9. Almasippi, Treherne, Morden, Kakabeka Falls, Sioux Lookout, Emsdale, Fort Qu'Appelle, Swan Lake, Ignace.
10. Shoal Lake, Timmins, Tappen, Armstrong, Cochrane, Sydney, Sion, Springdale, Brazeau Forest, Beaver Lodge.
11. Almasippi, Rutherglen, Abitibi, Lost River, Timmins, Salmon Arm, Tappen, Chilliwack, Chilcotin, Hope, Swift Current, Campsie, Halkirk, Alix, Sion, Perbeck, Springdale, Bismark.
12. Fredericton, Liverpool, Cap Rouge, Chaplin, Woodstock, N.B., Hydraulie, Kelowna, N. Nicomen, Salmon Arm, Tappen, Vavenby, East Arrow Park, Enderby, Chilliwack, Chilcotin, Armstrong, Alberni, Fredericton, Princeton, Jordan River, Medicine Hat, Cochrane, Quebec, Charlottetown, Yarmouth, St. George's, Loveland, Sion, Springdale, Mayeroft, Mountain View.
13. St. Stephen, Cap Rouge, Hydraulie, Nelson, Richlands, Salmon Arm, Tappen, Vavenby, Westley, Enderby, Babine Lake, Fredericton, Jordan River (Bear Creek), Medicine Hat, Moose Jaw, Quebec, Loveland.
14. Abitibi, Westport, Pense, Crescent Lake, Timmins, Hydraulie, Kelowna, Salmon Arm Exp. Farm, Vavenby, Enderby, Chinook Cove, Chilcotin, Babine Lake, Haileybury, Brazeau Forest, Pend d'Oreille.
15. Chicoutimi, Brome, D'Israeli, Cap Rouge, Shawinigan Falls, Vavenby, Chicoutimi (2), Quesnelle, Richlands, Salmon Arm, Glacier, East Arrow Park, Chinook Cove, Crawford Bay, Wilmer, Fredericton, Sherbrooke, Ferguson, Banff, Quebec, Sion, Expanse Conlee, Okotoks, Pekisko, Brazeau Forest, Beaver Lodge, Ponoka, Dunstable, Boswell.
16. Cap Rouge, Grand Falls, Moose Horn Bay, Nakusp, Babine Lake, Calgary, Deloraine, Wolfeville, Ranfurly, Loveland, Sion, Hillsdown, Springdale, Beaver Lodge, Jumping Pond.
17. Hillview, Oakbank, Shawinigan Falls, Brandon, Saskatoon, Rathmullen, Chaplin, Yellow Grass, Pense, Lost River, Creseent Lake, Babine Lake, Edmonton, Swift Current, Qu'Appelle, Minnedosa, Winnipeg, Deloraine, Ranfurly, Campsie, Halkirk, Loveland, Sion, Perbeck, Springdale, Brazeau Forest, Athabasca Landing, Beaver Lodge.

18. Hillier, Georgetown, Port Dover, D'Israeli, Cap Rouge, Beauceville, Shawinigan Falls, Kindersley, Scott, Richlands, Vavenby, Chisleotin, Alberni, Qu'Appelle, Montreal, Quebec, Ranfurly, Campsie, Halkirk, Loveland, Sion, Hillsdown, Perbeck, Springdale.
19. Almasippi, Madoc, Haliburton, Almonte, Paris, Chicoutimi, Tadousac, Shawinigan Falls, La Malbaie, Chaplin, Cottam, Babine Lake, Qu'Appelle, Pt. Stanley, Deloraine, Sion.
20. Almasippi, Rathmullen, Windsor, N.S., Hydraulic, Richlands, Salmon Arm Exp. Farm, East Arrow Park, Chilliwack, Armstrong, New Westminster, Chatham, N.B., Vancouver, Ranfurly, Sion, Springdale, Port Vermilion.
21. Scott, Salmon Arm, Westley, Halkirk, Loveland, Sion, Springdale.
22. Pt. Stanley, Charlottetown, Halkirk, Sion.
23. Lake Megantic, Mistassini, Tadousac, Shawinigan Falls, Chicoutimi, Nicolet, Westport, Saskatoon, Elora, Westley, Gravenhurst, Edmonton, Sion.
24. Charlottetown and Exp. Farm, Fredericton, New Germany, Agincourt, Brantford, Birnam, Madoc, Lucknow, Haliburton, Brome, Almonte, Georgetown, Paris, D'Israeli, Tadousac, Huberdeau, Perkin's Mills, Westport, Cottam, Ridgerest, Timmins, Brucefield, Alton, Cedars, Fredericton, Gravenhurst, London, Cochrane, Ottawa, Montreal, Toronto, Sion.
25. Berwick, Kentville, Liverpool, Morrisburg, Abitibi, Cottam, Sherbrooke, Truro (2), Pt. Stanley, Quebec, St John, Yarmouth, Pt. aux Basques, St. George's, Wolfeville, Rossland, Perry Siding.
26. Treherne, Pt. Riche, Woodstock, Ont., Gravenhurst, Hamilton.
27. Agincourt, Beatrice, Dutton, Sioux Lookout, Brantford, Birnam, Georgetown, Paris, Port Dover, Brucefield, Warton, Ridgerest, Rathmullen, Chaplin, Kakabeka Falls, Lucknow, Alton, Salmon Arm Exp. Farm, Fruitlands (Elko), Gravenhurst, Moose Jaw, Pt. Arthur, Parry Sound, Pt. Stanley, Kingston, Toronto, Halkirk, Sion, Springdale, Okotoks, Brazeau Forest, Beaver Lodge.
28. Agincourt, Beatrice, Morrisburg, Wexford, Madoc, Haliburton, Georgetown, Huberdeau, Westport, Emsdale, Kindersley, Pense, Crescent Lake, Moose Horn Bay, Coldwater, Salmon Arm, Tappen, Gravenhurst, London, Edmonton, Pt. Stanley, Toronto, Ranfurly, Sion, Springdale, Expanse Coulee, Beaver Lodge, Rossland, Perry Siding.
29. Almasippi, Treesbank, Treherne, Morrisburg, Saskatoon, Lost River, Whitewood, Moose Horn Bay, Shoal Lake, Fredericton, London, Swift Current, Pt. Stanley, St. John, Ranfurly, Sion, Perbeck, Springdale, Expanse Coulee.
30. Almasippi, Treesbank, Treherne, Rapid City, Muenster, Saskatoon, Chaplin, Halexonia, Whitewood, Ft. Qu'Appelle, Moose Horn Bay, Hillsview, Shoal Lake, Qu'Appelle, Minnedosa, Sion.

Auroras recorded:

- 1.
- 2.
- 3.
- 4.
- 5.
6. Rutherglen.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.
18. Sioux Lookout.
19. Sioux Lookout, Haileybury III.
- 20.
- 21.
- 22.
- 23.
24. Morrisburg, Moose Horn Bay III.
25. Haileybury IV.
26. Mistassini, Madoc II., Cape Magdalen, Timmins, Haileybury III., Quebec III.
27. Morrisburg, Morden III., Timmins, Quebec IV, Causapseal.
- 28.
29. Wawaitin.
- 30.

FORECASTS FOR JUNE, 1914

The forecasts issued by this office at 11 p.m. each night, are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of these predictions issued during the month was 1215. These were divided as follows :

DISTRICT.	No. Issued.	VERIFIED.			
		No. Fully.	No. Partly.	No. Not.	Per- centage.
Alberta	75	52	19	4	82.0
Saskatchewan.....	69	55	12	2	88.4
Manitoba.....	71	51	9	11	75.2
Lake Superior.....	121	81	33	7	80.6
Lower Lake Region.....	116	76	34	6	80.2
Georgian Bay.....	116	77	32	7	80.2
Ottawa Valley.....	88	58	18	12	77.0
Upper St. Lawrence.....	83	59	21	8	78.0
Lower St. Lawrence.....	113	76	28	9	79.6
Gulf.....	122	79	29	14	76.6
Maritime Provinces West.....	118	84	17	7	82.6
Maritime Provinces East.....	119	85	27	6	83.5
Total.....	1215	33	289	93	80.0

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

R. F. STUPART, Director.

Meteorological Office, Toronto,
August 21st, 1914.

